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DECEMBER 24 1955





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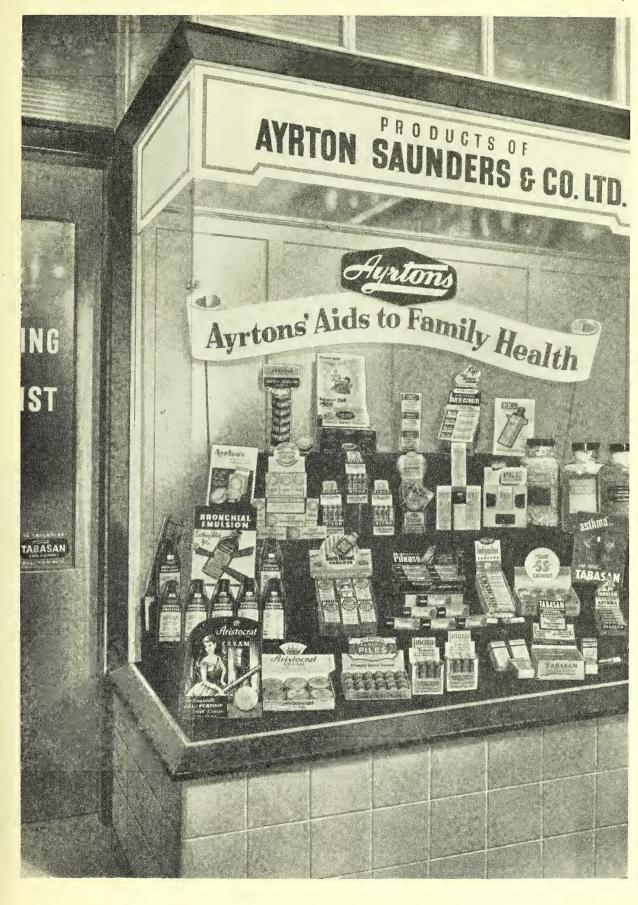
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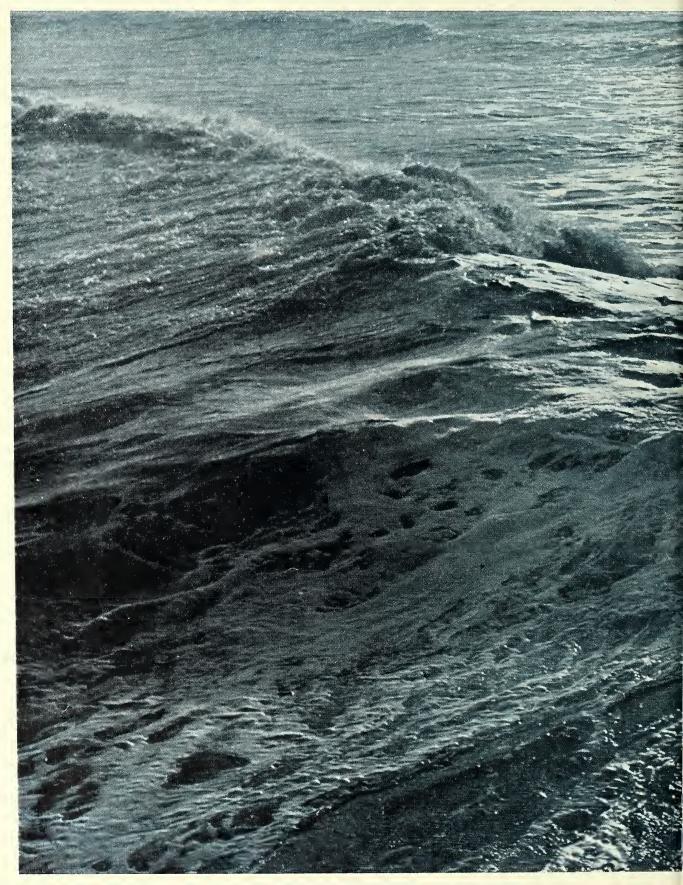
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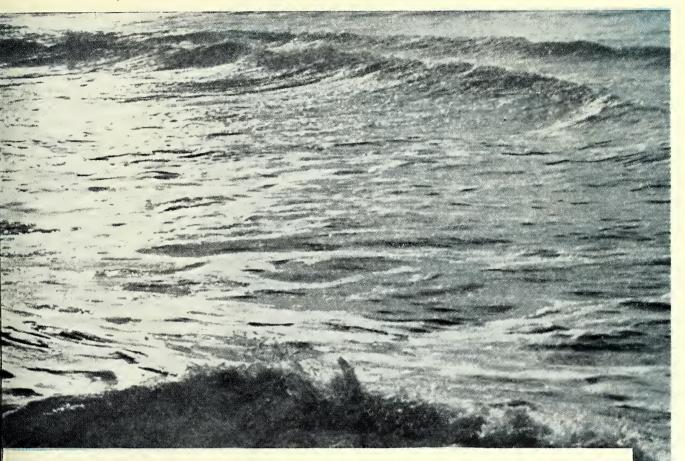
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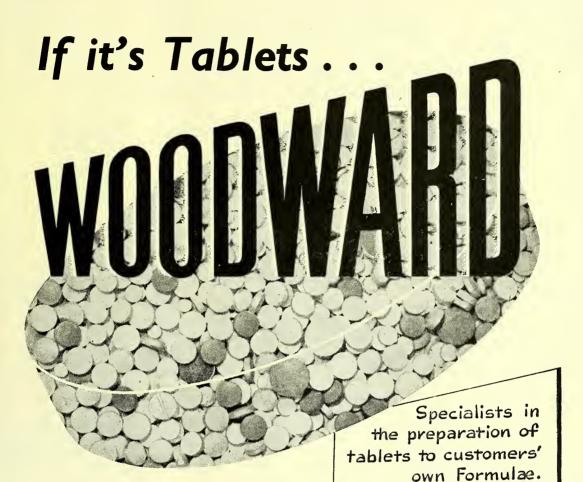
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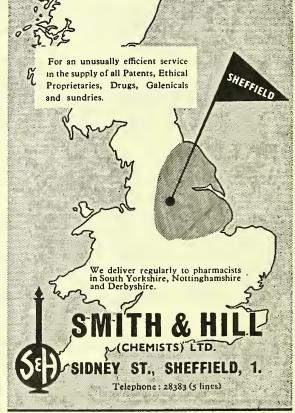
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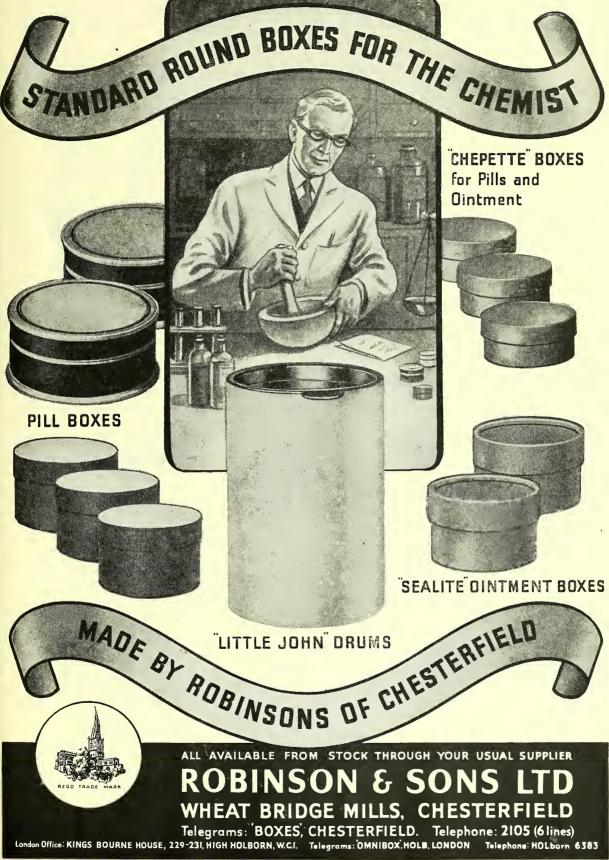
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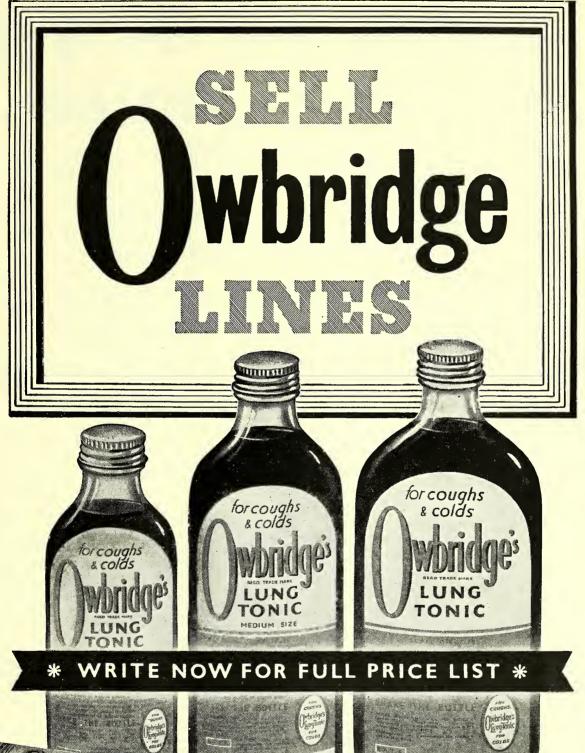
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The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 164

December 24, 1955

No. 3957

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Volume 164

DECEMBER 24, 1955

No. 3957

Health Centres

FORECAST OF NO "IMMEDIATE EXPANSION"

A FORECAST that there would probably be no large expansion of health centres in the near future was made on December 16 by Mr. Iain Macleod (then Minister of Health).

Mr. Macleod was speaking at the opening of a new health centre on the Aveley Housing Estate, Thurrock, Essex. It was probable that new towns and new estates would continue for some years to be the laboratory in which health centre experiments would be devised and observed, said Mr. Macleod. Health centres did not provide new services; they brought together services that otherwise would be separately housed. Almost all the services that could go into a centre existed separately in most areas. The health service could never afford and probably would never be able to afford to pull down what was already good in order to put up something that was perhaps only a little better. Even if that were economic it would not be possible to bring about arbitrarily a change in the local customs and practices of the patients and of the professions who served them. Mr. Macleod hoped that there would be more experiments as time went on in different parts of the country, but if there were to be more it would be because local people wanted them.

Prescription Pricing

REALLOCATION OF AREAS TO OFFICES?

THE Ministry of Health states that a substantial reallocation of areas to pricing offices later in 1956 is under consideration and that therefore the remaining areas in which prescriptions are to be fully priced for a period under the current allocation should be dealt with for January, February and March 1956 prescriptions. Executive Councils are being notified of the arrangements.

Practitioners' College

DISCUSSIONS ON THERAPEUTIC TRIALS

THE 1955 report of the College of General Practitioners states, under the heading "Research Work in General Practice," that the College research organisation has continued discussions during the year on the conduct of therapeutic trials. The report states that a register of doctors who are interested in that type of work has been prepared. and that, while consideration of the problem continues, it seems at present unlikely that the College will undertake or sponsor therapeutic trials of substances in which a vested financial interest exists.

Government Changes

A NEW MINISTER OF HEALTH

THE following were among Governappointments announced on ment December 21:

Minister of Health, Mr. R. H. Turton.

Lord Privy Seal, Mr. R. A. Butler. Chancellor of the Exchequer, Mr. Harold Macmillan.

Minister of Labour and National Service, Mr. Jain Macleod.

Minister of Pensions and National Insurance, Mr. J. A. Boyd-Carpenter. Minister of Fuel and Power, Mr. Aubrey Jones.

Parliamentary Secretary, Ministry of Fuel and Power, Mr. D. L.-M. Renton.
Parliamentary Under - Secretary,
Home Office, Mr. W. F. Deedes.
Parliamentary Secretary, Ministry of

Housing and Local Government, Mr.

Parliamentary Secretary, Ministry of Labour and National Service, Mr. R.

Joint Parliamentary Secretaries, Ministry of Pensions and National Insurance, Miss E. M. Pratt and Mr. R. Wood.

Parliamentary Secretary, Treasury, Mr. E. R. G. Heath.

Rating Valuations

NEW DETAILS REQUESTED

THE National Chamber of Trade has asked its members and affiliated organisations to furnish details of the 1956 rating values in their areas, as soon as possible after January 1, 1956, when the new lists will be open for inspection. The form is similar to that issued in September (see C. & D., October 1, p. 370) and details asked for are the same. The Chamber points out that a comparison of the two documents will either prove or discount the fear that the new valuations will adversely affect occupiers of shop and office properties.

Radiochemical Centre

PRINCESS MARGARET'S VISIT

Margaret visited Radiochemical Centre at Amersham on December 9; during her visit she was shown, among other things, the dis-pensaries where radioactive solutions are prepared for pharmaceutical use; equipment for the production of radioactive isotopes; the manufacture of radium needles and other appliances; an exhibition of the use of labelled carbon as a tracer in biological research: an exhibition of industrial instruments which make use of radio-active material; and the special forms of packaging used for transmitting isotopes to users in Britain and overseas.



JUBILEE DISPLAY: To mark the completion of fifty years of the pharmacy, the window of Harold Lumley (Mr. S. J. Relph, F.P.S.), 64 High Street, Wanstead, E.11, was given over to the display illustrated. The theme was a contrast between pharmacy in 1955 and "things our parents knew,"

IRISH NEWS

New Licentiates

CONFERRING CEREMONY IN DUBLIN

ADDRESSING new licentiates of the Pharmaceutical Society of Ireland at a conferring ceremony at the College of Pharmacy, Dublin, on December 6, MR. P. F. McGrath (president of the Society) said that the older pharmacists had always regarded themselves as professional men. They had fought vigorously any suggestion to the contrary and had gone to the lengths of carrying their fight to the highest authority. They were fighting, not for themselves so much, as for those who were standing on the threshold of their careers, and for those who would follow them.

The rôle of the pharmacist in the nation's health services was recognised by the State. More important was the recognition accorded to them by the community. Hospitals, institutions and local authorities were showing greater awareness of the advantages of having pharmacists on their staffs, and he looked forward with confidence to a wide field for licentiates trained in the Society's College. The Society's Council had been endeavouring to promote courses of instruction in the newer horticultural and agricultural prepara-The value of courses of that type had long been recognised by the Council, and their views had been confirmed by the recent announcement that an Agricultural Institute was to be set up. Young pharmacists should be to the forefront in boosting the national economy. Their most valuable industry was agriculture. They who were fresh from their studies should do all in their power to provide farmers with proper advice on the correct application of hormones and chemical substances. It was not sufficient that the pharmacist should stock those preparations: he must make a technical study of their properties. The Society had been honoured by being selected to act as host to the British Pharmaceutical Conference in Dublin in 1956. It was nearly thirty years since the Conference had visited Ireland and the Society's Council was confident that it could count on the active support of a new generation of pharmacists. If any one of the new licentiates wished to submit a paper to one of the science sessions he urged them to get in touch



THE APPEAL OF PHOTOGRAPHY: A scene in Dublin as the public flocks to see the latest in photographic equipment at an exhibition in which "flash" photography was given special prominence.

with the Dean of the College without delay. Some of the students who were being conferred that day were important members of the International Pharmaceutical Students' Federation. One of the Society's students, Mr. Bernard Tedders, had been elected vicepresident of the Federation. Irish students had made themselves such an important part of that organisation that the Federation had decided to hold its annual conference in Ireland in 1957. The coming to Ireland of two very important conferences was a great tribute to Irish pharmacy.

Flash Photography SUCCESS OF DUBLIN SHOW

THE after-dark and flash exhibition, staged in Dublin on November 23 and 24 by the Irish branch of the Photographic Dealers' Association, was an outstanding success and packed each night. On the first evening Mr. Richard Deegan, A.R.P.S., lectured on the use of photofloods for portraiture using two mannequins as models, and on the second night with the same models he gave practical demonstrations of how to take flash pictures with bulbs and electronic flash. The exhibition was so successful that consideration is now being given to staging a photo fair in Dublin in the Spring of 1956 in much larger premises.

Limerick's Annual Ball

"FULL HOUSE" FOR FESTIVITIES

A CAPACITY crowd of more than 300 attended the annual ball of the Limerick Retail Chemists' Association on November 30. Among the guests were Mr. P. F. McGrath (president, Pharmaceutical Society of Ireland), Alderman G. E. Russell (mayor of Limerick), Mr. D. Murphy (president, Irish Drug Association), Mr. H. P. Corrigan (treasurer, Pharmaceutical Society of Ireland), and Mr. B. Smith (secretary, I.D.A.). Dancing continued until 3 a.m. Supper was served and more than forty spot prizes donated by manufacturing and wholesale firms were distributed. The organising committee comprised Messrs. M. Power (chairman, vice-president, Pharmaceutical Society of Ireland), P. J. Hogan and M. Pennington (joint secretaries), and H. W. Ferguson (treasurer).

SCOTTISH NEWS Electoral Lists

FOR PHARMACEUTICAL COMMITTEES

PHARMACISTS in Scotland who are continuously employed by chemistcontractors or in hospitals or health centres are eligible to vote in the forthcoming Local Pharmaceutical Committee elections provided their names are



NEW LICENTIATES: A group of new licentiates of the Pharmaceutical Society of Ireland photographed with the president and Council members after the conferring ceremony held in Dublin on December 6.

included in the list prepared by the returning officer. Employers have been asked to furnish the necessary information about their own employees, but if that has not been sent, application should be made by postcard, in block letters, as follows:—(a) full name; (b) private address; (c) employer's name, and address at which employed; (d) Executive Council area in which employed. The card should reach the secretary, Pharmaceutical General Council (Scotland), 36 York Place, Edinburgh, 1, by January 10, 1956. This announcement does not apply to chemist contractors, there being a separate election for their representatives.

NEWS IN BRIEF

A PARTY of members of the North London Pharmaceutical Association recently joined in a theatre visit, followed by dinner

DIRECTOR of the British Institute of Management since its inception in 1947, Mr. L. O. Russell is resigning to be free to take up other interests.

In the full cream milk powder (roller process) class at the Dairy Show at Olympia, London, December 5-9, Ambrosia, Ltd., won first prize and a certificate.

INVERNESS Executive Council is asking the Department of Health for Scotland to abolish the shilling prescription charge for medicine supplied by dispensing doctors.

Toilet sundries and other goods were destroyed or damaged when a fire broke out in the College Street, Northampton warehouse, of Philadelphus Jeyes & Co., Ltd., on December 12.

VOLUNTEERS for the January to March trials at the Common Cold Research Unit, Harvard Hospital, Salisbury, Wilts, are required to enrol as early as possible.

An appeal by Taylors Drug Co., Ltd., 1 Southgate, Halifax, against the valuation officer's assessment of £750 gross, £622 rateable resulted in an agreed assessment of £700 gross, rateable value £580.

Fire at Carter & Sons (Sheffield), Ltd., wholesale druggists, Attercliffe Road, Sheffield, on December 17, damaged a cornflour store and boxmaking department. The manufacturing part of the factory was not affected.

PLEADING guilty at the West Kent quarter sessions to breaking into the High Street, Gillingham, premises of C. E. Beveridge & Co., Ltd., chemists, and stealing £9 12s. 6d., Sydney Dones, no fixed address, was remanded until the January sessions.

Sir Hugh Beaver and Sir Roger Duncalfe (formerly chairman and deputy chairman, respectively, of the Government committee on air pollution) have been elected Fellows of the Royal Society of Health in renognition of their noteworthy health work.

UNTIL a successor is appointed to Sir Edward C. Bullard, F.R.S. (director, National Physical Laboratory) who retires on December 31, Dr. R. L. Smith-Rose (director of radio research, Department of Scientific and Industrial Research) is acting as director.

TOPICAL REFLECTIONS

By Xrayser

The Good Old Days

One of the kindlier official gestures of 1955 was the message of goodwill from the Pharmaceutical Society to what may, without disrespect, be called the "old brigade" of pharmacy. It must have given pleasure to the recipients, and at the same time have opened the floodgates of memory. Those who have been pharmacists for more than fifty years have seen changes undreamt of when they first decided to cast in their lot with the disciples of Galen. Gone are the days of 9 a.m. to 10 p.m. with no recognised or recognisable half day. Gone are the interminable Saturdays which began at 8 o'clock in the morning and ended with a late meal after midnight. Gone are the Sundays when "attendance" ate into any possibility of leisure. A notice in front of me as I write intimates Sunday hours as 10 a.m. to 10.45; 1.15 to 2.15; and 6 to 9 p.m. The family probably saw father only at lunch on Sundays before he sank exhausted in slumber, to rise refreshed for another three hours in the evening. It is necessary that urgent medicines should be obtainable when required, but was there any need for the long and arduous hours quoted? An older pharmacist, who began his apprenticeship in the 90's, has told me that it was not uncommon to receive a prescription about 8 o'clock of a Saturday evening from someone who announced that the medicine would be collected on the way home from the second house of the theatre! Stirring times, literally and metaphorically! Those were the days of hand-made pills in huge quantities, with calloused palm and finger. Those were the days of man-made ointments with mortar and pestle. But they were also fragrant days, when the concentrated infusion was regarded as not quite the thing, and new batches were made daily of all the fresh infusions in common use, such as gentian, orange and buchu. The aroma was distinctive and pleasing, and there was a pride in craftsmanship.

Craftsmen

Many of those of the older generation who have been honoured by the Society were masters of their craft, able to turn their hand to any pharmaceutical operation which might turn up. Pills were beautifully rounded and finished, with varnish or silver-leaf. Blisters and plasters were spread with the greatest dexterity. Emulsions were made by skill and muscle. Mixtures were strained or filtered, and no one had yet thought of that modern monstrosity, the printed all-purpose label, which merely requires the insertion of "tea" or "table" in front of "spoon." Labels were written in a clear good hand, the cork topped with sealing-wax, and the bottle finished in white demy with sharp, straight lines across the shoulder and neck, which few people can equal today. The generation of fifty years ago may have lacked the profound scientific knowledge of their modern counterpart, but they were chemists, they were druggists, and they were craftsmen. A grateful Pharmaceutical Society might go a stage further and award them honorary life-membership. They deserve well of pharmacy and have given the profession standards which will last for all time.

Thoughts in Brief

A recent perusal of your "News in Brief" elicited two—for me—specially interesting items. One that I noted a week or two ago announced that the Philishave mobile demonstration unit had been awarded the Muir cup for the best stand in the trade section of the Royal East Berks Agricultural Show at Maidenhead. Your paragraph on p. 596 does not disclose who were the judges, but it seems not inappropriate that those who deal with combine-harvesters should have a feeling of kinship with a mechanical device which begins, more or less, where the harvester left off. Stubble of any kind can be troublesome. I noted also, in a Parliamentary reply, that the total cost of the Monopolies and Restrictive Practices Commission is, to date, £535,000. Perhaps if there had been competition. . . .

IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

SPEAKING before the third reading of the Finance Bill in the House of Commons on December 13, Mr. R. A. BUTLER (Chancellor of the Exchequer) said that there had been uncertainty in trade about the purchase-tax changes at the beginning, but that had been re-moved. It would be wrong for traders as a whole not to realise that purchase tax was an imposition which must stay as long as the inflationary difficulties remained. Any uncertainty about the tax was bad for trade, and it was much better to take the straight statement from him that it must stay, until at any rate the country had got through its present difficulties, and it would always be a tax the revenue from which would be vital to the United Kingdom economy. The Bill was read a third time and passed.

Rating (Scotland) Bill

MR. JAMES STUART (Secretary of State for Scotland) moved the second reading of the Valuation and Rating (Scotland) Bill on December 15. He said that the aim of the Bill was to obtain a system which would provide machinery for raising local revenue without causing anomalies between one ratepayer and another. The most fundamental of all the proposed changes dealt with the abolition of owners' rates. Valuations in force for the financial year in which the Bill was passed were to be frozen until 1961–62. Valuations made on the new principles would come into force in 1961–62. The Bill was read a second time.

Albomycin

MR. IAIN MACLEOD (Minister of Health) told DR. B. STROSS on December 19 that the Medical Research Council was endeavouring to obtain a supply of albomycin from the Soviet Union so that its properties could be investigated.

Heroin Addicts

MR. IAIN MACLEOD (Minister of Health) told DR. D. JOHNSON on December 19 that heroin addicts were not registered or licensed to receive heroin, and a patient received heroin under the Health Service only if his doctor prescribed it as necessary for his treatment. If heroin were not available it would be for the doctor to decide which, if any, of the various alternative drugs should be prescribed. The number of addicts in Britain was very small, and he did not think they would provide any reasonable traffic for an illicit drug.

DR. R. F. B. BENNETT asked whether the Home Secretary could restrict the amount of heroin produced in 1956 to that needed in Britain by the profession, taking account of existing stocks. MAJOR LLOYD-GEORGE: Yes.

Stocks of Heroin

MR. IAIN MACLEOD (Minister of Health) told LIEUTENANT-COLONEL M. LIPTON on December 19 that there would be no question of approval for

additional expenditure for such a purpose as increasing normal stocks of heroin, but authority was not required for the purchase of drugs within the total of the approved budget. The Government did not control the stocks of drugs which hospitals chose to purchase, and, after reflection, he did not wish to issue any form of instruction on that matter. It was right to say that this was an expenditure of public money and, therefore, that those who spent it should take into account the views of the Government.

Prescription Charge Refund

MISS P. HORNSBY-SMITH (Parliamentary Secretary to the Ministry of Health) told DAME IRENE WARD on December 19 that the National Assistance Board would refund the prescription charge to any person who satisfied the Board that, on the Board's standards, payment of the charge would cause hardship.

Distribution of Welfare Foods

MISS P. HORNSBY-SMITH (Parliamentary Secretary to the Ministry of Health) told MRs. J. S. BUTLER on December 19 that the Minister was inquiring into the consumption and distribution of welfare foods.

Manufacture of Dangerous Drugs

MR. IAIN MACLEOD (Minister of Health) told MR. H. R. SPENCE, in a written answer on December 19, that he could see no reason for setting up, under the Health Service, laboratories for the manufacture of Dangerous Drugs.

Heroin Exports

MAJOR G. LLOYD-GEORGE (Home Secretary) told MRS. L. JEGER, in a written reply on December 13, that exports of heroin licensed by him under the Dangerous Drugs Act, 1951, in the twelve months ended September 30, amounted to 75·129 oz. The following was a list of the countries of destination and the amounts licensed to each:—

		OZ.
Denmark	 	11.111
Eire	 	4.232
Kuwait	 	0.881
Eritrea	 	4.832
Seychelles	 	0.070
British Guiana	 	0.811
British Honduras	 	5.432
Mauritius	 	1.728
Uruguay	 	46.032

Heroin Ban

MR. IAIN MACLEOD (Minister of Health) told SIR R. BOOTHBY on December 19 that it was not his intention not to have further consultations on the heroin ban either with the British Medical Association, the Medical Research Council, or anyone else.

In a statement made in the House of Commons on December 15, MAJOR G. LLOYD-GEORGE (Home Secretary) said that in debate in the House of Lords on December 13 (see *C. & D.*, December 17, p. 683), the question

was raised whether the Secretary of State was empowered under the Dangerous Drugs Act, 1951, for any purpose other than preventing the impro-per use of heroin, to refuse to renew the existing licences to manufacture when they expired at the end of the year. The Government were examining the question and, in order to give time for consideration, had decided to renew the licences when they fell due for a further period of twelve months. Communications had been sent accordingly to the two licensed manufac-turers. He wanted to make it clear that the only doubt that had arisen was on the question of the legality of prohibiting the manufacture of the drug. There was no doubt about the power to prohibit its import or export and no licences to import or export would be issued after December 31.

Major Lloyd-George told EDITH SUMMERSKILL that the relationship between the Statute and the Regulations was not too clear. The Act had been on the statute book since 1920; it was consolidated in 1951; the first request from the World Health Organisation was made to the Government in 1950, and that was the first time that doubt had been expressed. Lord Jowitt himself had said that he approached the matter with some caution. He said that there was a great deal of doubt about it, and he also said that it was a new point that wanted careful consideration.

SIR ROBERT BOOTHBY asked if the

SIR ROBERT BOOTHBY asked if the Home Secretary could give an assurance that before any final decision was taken he would have further consultation with the British Medical Association and the Medical Research Council, and that the House would be given an opportunity of debating the subject before the Government decided.

MAJOR LLOYD-GEORGE: It is not going to be easy to find something better than a representative committee to give advice to Ministers. The Government cannot consult the whole medical profession, and it is not a profession from which you get complete unanimity. But the point is surely that it is accepted on all sides that the proper bodies to confer on technical matters with the Ministers are those representative of the particular profession or industry with which they have to deal. Otherwise consultation is utterly impossible.

MAJOR LLOYD-GEORGE told MRS.
E. M. BRADDOCK that it was the
Government's intention to proceed
with a White Paper, and it would be
published as soon as it was ready.
DR. B. STROSS asked if the Home

DR. B. STROSS asked if the Home Secretary had noted that this must be the first time that a Government Department had told medical men what they might or might not do in treating their patients. MAJOR LLOYD-GEORGE: This is not the first time that it has been suggested, because it was suggested in 1950.

The Therapeutic Substances Bill was read a third time in the House of Lords on December 8.

JUDGMENT RESERVED ON PHARMACY'S STATUS

Evidence completed at Dublin hearing

THE hearing of the appeal of the Pharmaceutical Society of Ireland from the refusal of the High Court to prohibit the Fair Trade Commission from inquiring into the compounding and dispensing of medical prescriptions (C. & D., December 17, p. 690) was concluded in the Supreme Court, Dublin, on December 13.

Resuming his argument on behalf of the Commission, Mr. T. J. CONOLLY submitted that a limited liability company employing a pharmaceutical chemist was undoubtedly trading in respect of the medicine it supplied, and was a proper subject for the Fair Trade Commission to inquire into. Medicine, he said, was not a luxury, but an everyday necessity which people required from time to time, and which should properly be subject to investigation. If, he submitted, a person was engaged in making retail sales, he was in trade.

Mr. Justice Kingsmill Moore said

MR. JUSTICE KINGSMILL MOORE said that the only argument was regarding the individual prescription written by the physician for an individual person. There was no dispute about the sales of ordinary goods over the counter. He wondered if there could not be a halfway house in which dispensing, or the

measuring out of a proprietary preparation could be treated as a matter for investigation, but compounding or the making up of a number of items in a preparation would not.

MR. CONOLLY said that dispensing was the selling of small quantities of something supplied to the chemist in large quantities.

MR. BRIAN WALSH, replying for the Society, said that the limited-liability-company position had been thrust upon the profession not by their own choice. The descriptive title pharmaceutical chemist was not used by members of a company who were not chemists, but reserved to those who were qualified. Mr. Conolly had argued on the assumption that the concept of a profession was foreign to a limited liability company, but had produced no authority on that.

THE CHIEF JUSTICE said he thought that the practice of a profession could only be carried on by an individual [and not by a company].

MR. WALSH said there was nothing in the pharmacy profession to prevent it being carried on by a corporate body. The "black book" of the Irish Drug Association was that of a trade body, as it was necessary for the chem-

ist to engage in trade to supplement or subsidise his professional activities. Over 2,000 items were included in the book, from hot-water bottles to razor blades. The word "sale" proved nothing in the case. Doctors sometimes supplied a particular drug and charged for it in addition to their professional charge, and on that basis doctors could be included in any investigation. The Fair Trade Commission, however, decided not to call the doctors. Having excluded doctors the Commission should also exclude the chemists. Even when he was dispensing a proprietary preparation the pharmacist had to peruse the instructions to see that the dosage was correct.

MR. JUSTICE KINGSMILL MOORE: In other words the chemist is exercising his watchdog capacity to see that the public does not suffer

public does not suffer.

MR. WALSH, concluding, said he held that the Commission was not entitled to inquire into the professional fees charged by chemists. The Commission held that those services were rendered in the course of trade. His contention was that they were professional services.

THE CHIEF JUSTICE said judgment would be reserved.

Put on Probation

A MAN who attempted to steal iodine compounds from Dudley Road Hospital was put on probation for two years at Birmingham on December 13. He was Thomas Alfred George Gibson, 225 Kings Road, Kingstanding, who had pleaded guilty to the charge at an earlier hearing. It was then stated that a radiographer had seen Gibson in the Hospital's x-ray department. She obtained help and Gibson was detained.

Cyanide in Milk

AFTER admitting in evidence that he had twice put cyanide in the milk and once in the sugar of a woman who had become "unfriendly," Arthur Perrigo, Brunswick Road, Sparkbrook, Birmingham, was, at the Birmingham Assizes on December 16, sentenced to two terms of four years' imprisonment to run concurrently. The jury found Perrigo not guilty of attempting to cause cyanide to be taken by Mrs. Annie Louisa Webb with intent to murder her, a charge to which he had pleaded not guilty. They found him guilty on an alternative charge of attempting to cause the poison to be taken with intent to inflict grievous bodily harm, to which also he had pleaded not guilty; and guilty on another charge of causing poison to be taken with intent to injure, aggrieve, or annoy, to which he had pleaded guilty. Sentencing Perrigo, the judge said: "You are a very lucky man. If this woman had died, from the view the jury have taken of your guilt in this matter it is quite clear that you would have had no defence to a charge of murder. This is a use of deadly poison, done deliberately, and

LEGAL REPORTS

repeated on three occasions, in order to effect your purpose out of sheer jealousy."

Photographic Goods by Fraud

SENTENCE of three years' imprisonment was passed at Shrewsbury quarter sessions on December 14 on Arthur Howard Henshall, 21 Fallington Road. Marston Green, stated to be a chief designer to a motor manufacturer, who had pleaded guilty to charges of false pretences. Henshall pleaded guilty to attempting to obtain a camera valued at £48 from R. G. Lewis, Ltd., Castle Street, Shrewsbury, and to obtaining a camera value £85 from Lancaster & Thorpe, Ltd., Wolverhampton, by means of a worthless cheque. He asked for eleven other similar cases of fraudulently obtaining photographic material to the total value of £414 to be taken into consideration. He also pleaded guilty to stealing a cheque book which had been used to commit the offences. The prosecution stated that the activities of a man buying cameras with worthless cheques in the name of R. Wilson were advertised in the Police Gazette, and chemists and photographic stores were warned to be on the lookout for him. It was realised in the Shrewsbury shop that Henshall was that person and he was kept talking while the police were summoned. detective-sergeant said that Henshall had a long list of previous convictions, starting when he was only eleven years of age. The Shrewsbury prison doctor agreed with the defence that Henshall possibly came within the category of a psychopath, but said he was not likely to respond to treatment in a mental institution

Customs Duty Evaded

A CUSTOMS charge was preferred against Ronald Ben Waters, a street trader, 288 Kingsland Road, London, E.2, when he appeared on remand at Old Street magistrates' court on December 14 charged with receiving four bottles of Chanel perfume knowing them to have been stolen. Waters now pleaded guilty to dealing in fourteen bottles of Chanel perfume with intent to defraud the Revenue of the duty chargeable on them. The receiving charge was not proceeded with. For the prosecution it was stated that, on November 17, police searched Waters' flat on a warrant. In a bedroom, on top of the tallboy, they found two small bottles of perfume, and in a sideboard drawer in the living room two larger bottles. Seen next day, Waters said he had met a man about a month earlier in Hatton Garden and from him had bought six large and eight small bottles of the perfume, paying £1 a bottle for the small ones and 27s. 6d. each for the larger ones. He had been selling them, he added, in West End clubs for 25s. and 35s. a bottle respectively. Waters had said that he did not know the man's name or address. Single duty-paid value was stated in court to be £36 2s. The magisoffence because it was a serious offence because it was "robbing the country." He was prepared to think that Waters did not realise the gravity of the offence when he committed it. He fined Waters £36 2s. and ordered him to pay £3 3s. costs or three months imprisonment in default. Waters said he could pay £10 at once and on that basis was given a month in which to. pay the balance.

COMPANY NEWS

Previous year's figures in parentheses

FISONS MILK PRODUCTS, LTD. —Dr. Frank Alan Todd, B.Sc., Ph.D., M.I.Chem.E., was appointed a director of the company on December 13. Dr. Todd is technical manager and a director of Genatosan, Ltd., the parent company of Fisons Milk Products, Ltd.

P. P. PAYNE & SONS, LTD. — A final dividend of 15 per cent., less tax, making a total distribution of 20 per cent., less tax, on the ordinary shares for the year ended September 30, is recommended. Group net profit after all charges including taxation is £30,488 (£43,743); taxation charged £38,700 (£59,500); group net profit attributable to members of the company £29,596 (£43,485).

JOHN & E. STURGE, LTD.—After thirty years as joint managing directors Messrs. A. L. Wilson and A. P. Wilson are relinquishing their positions at the end of the year. They will continue their interests on the board of directors as chairman and deputy-chairman respectively. Mr. A. R. Foxall and Dr. E. R. S. Winter have been appointed joint managing directors from January 1, 1956. Mr. J. A. Watson will continue as secretary and finance director.

ALLEN & HANBURYS, LTD. In the course of his speech at the company's annual meeting, the chairman (Mr. J. C. Hanbury) said that home sales, pharmaceutical and surgical, of the parent company showed an increase of approximately 5 per cent. during the year ended June 30 over the previous year. Export sales of the parent company showed a small increase while sales in overseas markets have increased substantially through expanding local production. The surgi-cal side of the business has been faced by the need for economy in the National Health Service, and by the very severe competition that is developing in export markets. Substantial progress has been made towards the greater mechanisation of the process for manufacturing glycerine and black currant pastilles. The erection of the sterile products building at Ware is proceeding, and it is hoped that it will be in production before the end of 1956. For financial results see C. & D., December 3, p. 626.

New Companies

P.C. = Private Company; R.O. = Registered Office.

H. N. NORTON & CO., LTD. (P.C.).

— Registered in Edinburgh. Capital £1,000. To carry on the business of merchants of cosmetics, perfumes, toilet preparations, ctc. Director: H. N. Norton.

SPAX CHEMICALS, LTD. (P.C.).—Capital £100. To carry on the business of chemists and druggists, etc. Directors: Anthony J. Mackness and Arthur F. Edwards. R.O.: 61 Fortess Road, Kentish Town, London, N.W.5.

DAWN (BURFORD), LTD. (P.C.).—Capital £200. To carry on the business of manufacturers of and dealers in cosmetics, soaps, etc. Directors: Francis M. Cook and Ann V. Cook. R.O.: The Mill, Burford, Oxon.

ATLANTIS (CUBA), LTD. (P.C.).—Capital £20,000. To carry on in Cuba or elsewhere the business of chemists, druggists, drysalters, etc. Subscribers: P. J. Bunyan and A. L. Boyce. Solicitors: Slaughter & May, 18 Austin Friars, London, E.C.2.

HUGH HITCHIN, LTD. (P.C.). — Capital £2,000. To carry on the business of chemists and druggists and opticians, etc. Directors: Gordon W. Taylor, M.P.S. (director, G. W. Taylor, Ltd.), and Joseph E. H. Hitchin, M.P.S. R.O.: 71 Derby Road, Long Eaton, Derbys.

REFINED CHEMICALS, LTD. (P.C.).—Capital £100. To carry on the business of wholesale and retail chemists and druggists, etc. The subscribers (each with one share) are:—Aristide Moray, Albert P. Moray (director, Ryemor Engineering Co., Ltd.), etc. R.O.: Roseleigh, Cedar Road, Cobham, Surrey.

R. W. WARDMAN & SON, LTD. (P.C.).—Capital £4,000. To carry on the business of manufacturing and general chemists, etc. Directors: Richard W. Wardman, M.P.S., Margaret Wardman, John E. B. Wardman, Henry J. Griffiths and Ernest W. Crisp. R.O.: 37 Market Hill, Sudbury, Suffolk

BUSINESS CHANGES

ANTIGEN, LTD., have removed to 67 High Street, Bexley, Kent (telephone: Bexleyheath 4846).

BOOTS, LTD., opened a branch at 38 Corporation Street, Corby, Northants, on December 3.

R. HOVENDEN & SONS, LTD., closed their main premises at 29 Berners Street, London, W.1, for trading on December 21.

THE decision has been taken to amalgamate the manufacturing interest of T. J. Smith & Nephew, Ltd., Hull, and Herts Pharmaceuticals, Ltd., Welwyn Garden City, from January 1, 1956. Herts Pharmaceuticals, Ltd., Welwyn Garden City, will then operate under the title of T. J. Smith & Nephew, Ltd., Welwyn Garden City. Although orders and correspondence for both T. J. Smith & Nephew, Ltd., Welwyn Garden City, and Smith & Nephew, Ltd., will originate from the same Welwyn Garden City address, they are two separate companies, and accounts should be rendered accordingly.

Appointments

AYRTON, SAUNDERS & CO., LTD., Hanover Street, Liverpool, 1, have appointed Mr. A. E. Foulkes their representative in the company's Sheffield territory (in succession to Mr. J. Wooler Bell, who retired recently), and Mr. C. F. Mugford in South-west England.

PERSONALITIES

MR. S. E. PAGE, M.P.S., addressed fellow Rotarians at Alfreton, Derbys, on December 6, on "My Job."

MR. ROBERT E. MARSH, a director of A. J. North & Co., Ltd., 71 Hout Street, Cape Town, South Africa, arrives in England on a business visit on December 29.

DEATHS

BRUCE. — At his home, Embangweni, Hillview Road, West Cults, Aberdeens, on December 13, Mr. Allister Leslie Bruce, M.P.S. Mr. Bruce qualified in 1927. A native of Aberdeen, Mr. Bruce served his apprenticeship under his father, the late Mr. A. L. Bruce, Millburn Street. In 1928 he joined Frazer & Green, Ltd., Glasgow, as under-manager of their Charing Cross branch. He returned to the north-east in 1932 and set up business in Cults. A keen philatelist, Mr. Bruce was a member of Aberdeen Philatelists' Society and honorary president of Cults Amateur Dramatic Society. He was a member of Cults East Church. He is survived by his widow and a son.

FARR.—On November 29, Mr. Francis Edward Farr, M.P.S., 10 Pudding Cake Lane, Uckfield, Sussex, aged sixty-six. Mr. Farr, who qualified in 1912, was the son of Mr. Edward Henry Farr, for many years a member of the Pharmaceutical Society's board of examiners and president of the British Pharmaceutical Conference in 1914.

GARDNER.—On December 4, Mr. Frederick William Gardner, 60 Culverden Park Road, Tunbridge Wells, Kent, aged ninety-one. Mr. Gardner qualified as a chemist and druggist in 1887.

HUDSON. — On December 3, Mr. George William Hudson, M.P.S., 23 Cheyne Street, Edinburgh, 4, formerly of The Pharmacy, Front Street, Wingate, co. Durham, aged forty-five.

JAMIESON. — On November 29, Mr. Basil Jamieson, M.P.S., 9 Girdler's Road, West Kensington, London, W.14, aged sixty-eight. Mr. Jamieson qualified as a chemist and druggist in 1921.

LARRAD. — On December 8, Mr. John Henry Larrad, M.P.S., 79 Nottingham Road, Loughborough, Leics. Mr. Larrad qualified in 1923.

MURRAY. — On October 29, Mr. Michael Edwin Murray, M.P.S., 172 Western Avenue, London, W.3. Mr. Murray qualified in 1908, and three years later purchased a pharmacy in Ben Rhydding, Ilkley, Yorkshire. In 1913 he took over a business in Leeds, and subsequently he formed a limited company, Murrays Pharmacies, Ltd., and acquired a number of other pharmacies. From 1931 to 1941 he was in business in Felixstowe, Suffolk, and in 1942 joined the staff of Optrex, Ltd., from which company he retired in 1950.

NAYLOR. — At Christchurch, Bournemouth, Hants, recently, Mr. Richard Edwin Naylor, aged seventy-eight. Mr. Naylor qualified as a chemist and druggist in 1903. Until his retirement he was in business as a chemist at Jacksdale, nr. Nottingham.

OVEREND. — On November 25, Mr. Frank Overend, M.P.S., Ing Cottage, Chelmorton, nr. Buxton, Derbys, aged seventy-five.

TOPPING. — On November 29, Mr. Edmund Topping, M.P.S., 31 Church Street, Preston, Lancs. Mr. Topping qualified in 1898.

TRADE NOTES

Tax-free.—Riddell Products, Ltd., 10 Dunbridge Street, London, E.2, announce that their Riddobron nasal ointment is exempt from purchase tax.



BEST-KEPT HAIR: In the finals of a national competition judged at Brighton, recently, Mrs. Ruby Brazier, Plumstead, London, S.E.18, was the winner of the first prize in a competition for the title "Miss Sunsilk, 1955." The organisers of the competition were the makers of Sunsilk shampoo, D. & W. Gibbs, Ltd., Isleworth, Middlesex, in conjunction with Butlin's, Ltd., 439 Oxford Street, London, W.1. The prize was a week's holiday in Paris for two people.

By Helicopter to Factory.—Edwards High Vacuum, Ltd., Manor Royal, Crawley, Sussex, are using helicopters to ferry overseas visitors from London airport to their factory in Crawley New Town, Sussex, thirty miles away.

Safety Clothing.—Siebe, Gorman & Co., Ltd., Neptune Works, Davis Road, Chessington, Surrey, are manufacturers of industrial respirators, breathing apparatus, protective clothing, smoke helmets, etc.

Agency for Aromatic Chemicals.—Arrangements were concluded recently whereby A. G. Hersom, 119 Richmond Road, Kingston-on-Thames, will represent Synarome S.A.R.L., Bois Colombes, Seine, France, in the United Kingdom for the supply of the company's aromatic chemicals and specialities.

"Handlebar" Nailbrush. — Each individually wrapped in transparent tissue, the Esdra nailbrushes, made by Esdra Products, Ltd., 29 Beak Street, London, W.1, offer a good grip and

are light, pleasing in design ("handlebar") and colourful. A "window" carton in which they are issued presents six assorted colours.

Demonstrator's "Pantomime Leave."
—Special "pantomime leave" has been granted to Miss Hazel Honey, known to hundreds of people as "Miss Ronson," the shaver girl. Miss Honey has taken over as ballet mistress at the Blackpool Opera House pantomine "Robinson Crusoe." She will be back on duty with Ronson shavers after the pantomime period.

Diary Corrections.—Subscribers are asked to substitute the following entry for what appears under Imferon on p. 177 of the C. & D. Diary and Yearbook, 1956:—

'Imferon' iron-dextran complex for intramuscular administration. Benger Laboratories, Ltd.

Attention is also drawn to the fact that the prices given for C.M.P. asthma remedy in the announcement by C. & M. Medical Products, Ltd., 588 Bath Road, Bristol, 4, were rendered obsolete by the Autumn Budget. The correct present prices are: Trade, 75s. doz.; purchase tax, 19s. doz.; inclusive retail, 11s. 6d. per bottle.

Advice to School Leavers.—A commentary addressed to boys and girls about to leave school, written by the director of the Industrial Welfare Society and first published in Industrial Welfare and Personnel Management, has been reprinted as a booklet, Supplies of the booklet, price twopence each, are available at discounts of 10 per cent. for quantities of six to fifty or 20 per cent. for fifty or more. The booklet gives practical advice on "working with people," on mastering problems of finding one's way around in a new job; on the "satisfactions" of working (money; being busy; working for a successful firm; companions, etc.); and on accident prevention.

New Factory Project. — William Freeman & Co., Ltd., Suba-Seal Works, Peel Street, Barnsley, have acquired an eleven-acre site at Wakefield Road, Staincross, nr. Barnsley, for the construction of new laboratories and works as an extension to their present plant. Construction is commencing

shortly of a 50,000-sq.-ft. single-story factory of modern industrial design with all the latest amenities, including sports fields. New production processes are being introduced for developing existing and contemplated products to meet increasing demands from the export market. The scheme envisaged is a five-year programme. Eventually the plant and equipment will cost approximately a £4 million.

Holiday Arrangements

PFIZER, LTD., Folkestone. Closed Friday evening, December 23, till Wednesday morning, December 28, except for usual Saturday morning service on December 24. Emergency supplies from John Bell & Croyden.

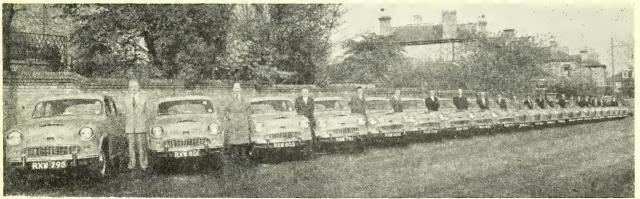
SMITH & HILL (CHEMISTS), LTD., Sheffield, 1. Open Saturday morning, December 24. Closed December 26 and 27.

LEDERLE LABORATORIES DIVISION OF CYANAMID PRODUCTS, LTD., Aldwych, London, W.C.2. Emergency supplies of Aureomycin intravenous and Achromycin intravenous and intramuscular available during the Christmas holiday period from John Bell & Croyden, 50 Wigmore Street, London, W.1.

NEW PRODUCTS

Swiss Specialities in Stock. — Unichem, Ltd., Broadwater Road, London, S.W.17, have taken into stock the following additional products of Serumwerk Basle, for whom they are sole distributors in the United Kingdom: Embran (three 2-c.c. ampoules and 20-c.c. vial); Euflat (thirty tablets); and Otalgan, 12-gm. (additional to the existing 6-gm. size). Euflat tablets are Schedule 1.

Surgical Steel Gauze. — Ethicon Suture Laboratories, Ltd., Bankhead Avenue, Edinburgh, 11, are marketing a new product, Ethicon surgical steel gauze, Code SM 53, woven from strands of 0.003-in. surgical-steel wire into a 50/50 mesh and available in sheets 12 x 6 in. The main use of the gauze is for hernia repair, etc., and the composition of the wire has been specially selected for its inertness when implanted into human tissue. The weave of the gauze is specially constructed to allow tissue to encapsulate it and so reinforce the repair.



CARS FOR REPRESENTATIVES: Fleet of new Austin cars provided for twenty-four of their representatives by Southon Laboratories, Ltd., 84 Upper Richmond Road, London, S.W.15, after their 1955 sales conference.

TRIALS AND TOXICOLOGY

Science and crime discussed at Edinburgh evening meeting

THE speaker at the inaugural meeting of the one hundred and fourth session of the Scottish Department of the Pharmaceutical Society, held in Edinburgh recently, was Professor J. Glaister, J.P., M.D., D.Sc., F.R.S.E., F.R.F.P. & S. (Glas.). Mr. W. A. PARK (chairman of the Executive of the Scottish Department), introducing the lecturer, said that Professor Glaister had held the chair of forensic medicine in the University of Egypt from 1928 to 1932, when he succeeded his father as regius professor of Glasgow. He was also medico-legal examiner to the Crown, and the author of a number of books on jurisprudence and toxicology. Away from his academic background and the gruesome atmosphere in which some of his work must be done, Professor Glaister was known for his love and knowledge of the countryside.

Most Difficult to Prove

Of all forms of murder, said Pro-FESSOR GLAISTER, that by poisoning was perhaps the most cruel, and certainly one of the most difficult to prove. To satisfy a jury, the guilt of the accused must be established beyond all reasonable doubt. Those who had the duty of prosecution had to rely on circumstantial evidence built up upon a concatenation of incriminating circumstances.

Science, as applied to the solution of crime, had made rapid strides, and thus the criminal had become more and more vulnerable. The true rôle of scientific aid in criminal investigation was to provide assistance in the work of detection. Co-operation of specialists in various branches with the police had steadily grown. The services of the medico-legist, the toxicologist and the analytical chemist, usually supplemented by medical consultants, were relied upon to shed light on the many obscure matters in criminal poisoning trials.

Scientific evidence was open to careful criticism and could be rebutted by opposing technical evidence. In certain trials it was imperative that the court should be given assistance which could only accrue from special training, application and resultant experience. The clarity, logic and relevance of a technical witness went a long way towards obviating prolonged examination in the witness box, and in avoiding confusions between counsel and witnesses.

From an early period the study of poisoning and poisons had been systematically and progressively created to form a separate and important branch of forensic medicine. Refinements in analytical methods and expansion of their scope and employment had gone far. The effect had been to ensure that the character and the amount of poison taken could be identified and estimated. The chance of the poisoner escaping detection had been greatly lessened, for although new substances, capable of causing fatal poisoning, made their appearance

from time to time, chemical research had kept, and was keeping, ahead of the poisoner.

The trial of Mary Blandy in 1752 for the murder of her father by poisoning him with arsenic was the first trial for murder by poison in which medical evidence was used to establish the cause of death. The organs of the body were not submitted to chemical analysis to disclose any arsenic that might be present, but samples of the powder alleged to have been administered to the deceased were tested. Such tests as were applied were most primitive and unsatisfactory in the light of present-day standards and would not be countenanced in a court today. One of the chief medical witnesses for the prosecution said that the poison administered was white arsenic because the powder had a milky whiteness, was gritty and almost insipid, and part of it swam on the surface of cold water but the greater part sank and remained un-dissolved; the same was true of white arsenic. The analysis failed on the chemical side, but Mary Blandy was found guilty and executed.

In the first trial for poisoning by strychnine in 1856, it was probable that the chemical and medical experts were not sufficiently acquainted with the strychnoid poisons to trace all their differences, and the evidence of the chemical witnesses suggested that, so inconsistent were their opinions. One had merely to contrast the nature of the medical and toxicological evidence in many more recent cases to appreciate the advances made. Even by 1912 considerable advances in toxicological methods had been established.

In 1912 Frederick Henry Seddon and his wife were tried for the murder of Eliza Mary Barrow by the administration of arsenic. That was the first trial in which the Marsh test was used to estimate the quantities of arsenic present in the body of the deceased woman.

Careful Investigations

In reviewing some of the salient issues raised in famous poisoning trials, one was impressed by the careful nature of the medical investigations and the chemical expertise demanded by the courts in order to satisfy a jury. It was also clearly seen that exhaustive lines of scientific inquiry were necessary in the study of the many possible lines on which a defence might rest. The most important proof of poisoning was the actual detection of poison within the body. Difficulties might present themselves because of the character of the particular poison which might have been used on account of the difficulty in its isolation, or because of adverse influences upon it due to putrefactive changes affecting the tissues of the body.

Toxicological analysis had fallen

Toxicological analysis had fallen within the sphere of the analytical chemist rather than of the medicolegist who, nevertheless, must assume responsibility for the ultimate interpretation of chemical results.

There was a greatly reduced incidence of poisoning in Britain today.

There were a number of reasons for that, and they had a legislative and scientific foundation.

On studying the accounts of famous trials for poisoning, it sometimes seemed strange that the accused persons should have been able to acquire so readily such deadly poisons. At the trials of Dr. Lamson in 1882 and of Vaquier in 1924 that question arose. Lamson, having failed to obtain aconitine from one firm, went to another. When he asked for two grains of that deadly poison, the assistant asked his name, which he gave as Dr. Lamson of Bournemouth. The assistant having found the name in the Medical Directory sold the poison. The assistant in his evidence said that they did not enter sales of poison in the Poisons Register if they were satisfied that the purchaser was a medical man. At the conclusion of the trial the jury expressed the opinion that the law as to the sale of poisons required amendment. The judge said that he believed that the time had arrived when some greater restriction should be placed upon the sale of deadly poisons. Despite that incident, said Professor Glaister, it seemed that for years the Pharmaceutical Society had been wrestling with the problem of the sale of poisons.

Purchase of Poison

In the trial of Jean Pierre Vaquier, in 1924, again the question of the purchase of poison arose. Before making his purchase of strychnine, Vaquier had paid a number of visits to a chemist's shop where he became familiar with a member of the staff. On his final visit he produced a list of chemicals which included strychnine. The chemist was at first reluctant to supply that, but Vaquier gave his assurance that it was required for experimentation in connection with wireless. He signed the poison register, using a false name, and strychnine was supplied to him.

In both cases instanced, the poisons were acquired by purchase.

Apart from such cases in which poison productive of murder had been purchased in apparent accordance with the provisions of the law, there had been a number of others in which poison was alleged to have been obtained for nefarious purposes with much less formality or ostensibility. In the cases of Mrs. Maybrick and the Seddons, the source of the arsenie was alleged to have been fly papers, and in the Armstrong case weed-killer.

When Louisa Merrifield was charged with the murder of Sarah Anne Ricketts in 1953, the pathological and chemical findings were that death was due to poisoning by yellow phosphorus, probably swallowed in the form of Rodine. One ounce of that preparation contained about ten grains of yellow phosphorus. The Attorney General directed the attention of the jury to the fact that although any kind of arsenical material, any weed-killer, had to be signed for, Rodine could be sold by any chemist without signature. He had taken the matter up with the Home Office, and had been told that steps

would be taken to bring the matter before the Poisons Board, with a view to considering whether Rodine ought not to be on the list of poisons which

had to be signed for.

Occasionally in poisoning cases the poisons made their appearance from quite unexpected sources, and would appear to have short-circuited the network of restrictive regulations intended to control and regulate their bona-fide distribution. In Edinburgh, in 1940, a woman was charged with the murder of her husband by the administration of arsenic. One of the witnesses, who was employed as a glass maker with a large firm, stated he had offered to get the deceased some arsenic because of the troublesome rats at his farm. He got the arsenic at the place where he worked: arsenic was used in glassmaking, and was kept in a big barrel; he was able to remove some without anybody noticing and, so far as he knew, it was never missed. He appro-

priated about two to three pounds of it, placed it in a paper bag and handed it to the deccased. The manager of the glass works stated that the arsenic was kept in casks or iron drums, and the taking of two or three pounds would not be missed, since about one hundredweight a day was used.

A wide gap in the mechanism for the control of dangerous poisons was surely apparent, said Professor Glaister, when arsenic in bulk could be so readily obtained by workers in industry without the risk of detection. Sir Hugh Linstead in his book, Poisons Law, stated that pharmacy and poisons legislation in Great Britain had developed according to no logical scheme. It was rather the product of expediency, and its present form was largely due to the casual nature of its early growth.

Did the advances which were constantly being made in criminal investigation actually keep, not only abreast,

but well ahead of the more enlightened poisoner? The answer was undoubtedly yes. Present-day methods in the field of pathology and toxicology, together with scientific aids, were capable of providing essential missing links in the valuable chain of circumstantial evidence which had to be relied upon so often in cases of poisoning. Police laboratories throughout the country were equipped with apparatus for routine investigations and there were elaborately furnished laboratories in the departments of forensic medicine in certain universities.

Not the least of the measures which could be relied upon as a defence of society against the poisoner was the careful and expert work afforded by the analytical chemist and his col-

leagues.

MR. H. H. CAMPBELL, Edinburgh, proposed the vote of thanks to Professor Glaister, Professor J. P. Todd. Glasgow, seconding.

FESTIVE OCCASIONS

SWINDON

Leading Citizens Attend

PRINCIPAL guests at the annual dinner and dance of Swindon Branch of the Pharmaceutical Society on November 9 were the mayor and mayoress of Swindon, and Mr. William Cooper (a member of Council of the Pharmaceutical Society) and his wife. Members and guests in attendance totalled 130, including Mr. W. T. Rees (chairman, National Pharmaceutical Union) and Mrs. Rees, Mr. Highfield (pharmacy inspector) and his wife, and Dr. McElroy (chairman, Swindon Division of the British Medical Association) and Mrs. McElrov.

CROYDON

Need for Co-operation

THE great need in giving a health service to the public was co-operation between all the public services concerned. That was stressed by Mr. J. NEWTON HUDSON (vice-chairman, Croydon Executive Council), chief guest at the annual dinner and-dance of Croydon Branch of the Pharmaceutical Society at Croydon on November 23. He was proposing the toast of the Pharmaceutical Society. Mr. Hudson had always found the closest liaison between the medical profession and pharmacists, many of whom he regarded as his per-sonal friends. Mr. G. O. Aves (vice-chairman, Optical Practitioners' Association) responded to the toast of the visitors. Presiding was Mr. G. Bellas Simpson (Branch chairman). A record number of 214 members and guests enjoyed the dancing which followed, during which a competition was held in aid of the Society's Benevolent fund.

PORTSMOUTH

Civic and Pharmaceutical Guests

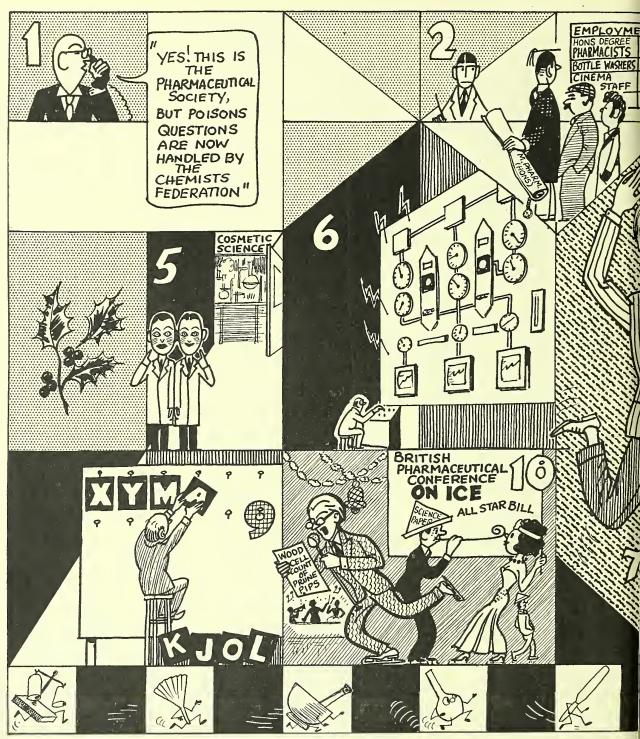
NEARLY 200 guests were received by the chairman (Mr. J. C. Bloomfield) and Mrs. Bloomfield at the annual dinner and dance of the Portsmouth Branch of the Pharmaceutical Society on December 7. Guests of honour were the lord mayor and lady mayoress (Councillor and Mrs. G. A. Day) and

the president of the Society (Mr. Harry Steinman), who was accompanied by Mrs. Steinman Proposing the civic MR. BLOOMFIELD expressed appreciation to the lord mayor on behalf of himself and the Branch for invitations to attend many civic functions. He had been impressed by the lord mayor's ability as an ambassador, not only for the city of Portsmouth, but for the country as a whole, in the capacity of host to visitors to the city, particularly visiting navies. The LORD MAYOR replied. The toast of the Pharmaceutical Society was proposed by Dr. C. N. Burnham Slipper (chairman, Portsmouth division, British Medical Association), who said how much the doctors of the city valued the goodwill and co-operation of the pharmacists. Mr. STEINMAN, who responded to the toast "The Pharmaceutical Society," said that pharmacists had three major obligations to fulfil: Service to the public, service to the Society, and loyalty to their colleagues. He thanked the Branch for its efforts on

behalf of the Benevolent Fund, MR. W. R. D. Voke (vice-chairman of the Branch) proposed "The Guests and the Ladies," MR. E. O. DAY (chairman, Portsmouth section, British Dental Association), replying, Bouquets were presented by Mrs. L. J. CHAMBERLAIN (wife of the immediate past-chairman) to the lady mayoress, to Mrs. Steinman, and to Mrs. Bloomfield. duties of toastmaster were carried out by Mr. Norman L. Banks (Branch secretary) and the prizes at the dance which followed the dinner were provided by the Portsmouth and District Chemists' Cricket Club. Among the guests were the local medical officer of health, the principal, Portsmouth College of Technology, the city analyst, the clerk to Portsmouth Executive Council, the chairman of the National Pharmaceutical Union, registrar of the Pharmaceutical Society, chairmen of the Southampton, Bournemouth and Brighton Branches of the Society and the chairman, vice-chairman and trea-surer of the Slough Branch



AT PORTSMOUTH DINNER: Seated: Mrs. H. Steinman, the lady mayoress and Mrs. J. C. Bloomfield. Standing: Mr, and Mrs. Talvan Rees, Mr. J. C. Bloomfield, the lord mayor of Portsmouth (Councillor G. A. Day), H. Steinman (president of the Society), Mrs. and Mr. F. W. Adams.



A Backeloth for Pharmacy

RECENTLY the Pharmaceutical Society, in redecorating the lecture hall at Bloomsbury Square, put up a handsome "mural" in which pharmacy's past and present were artistically symbolised. Taking up the story where the artist left off, we present a new backcloth depicting the possible future of the profession, as suggested by events and predictions of the past year.

KEY:

- 1. Impressed by the successful initiative taken by the Chemists Fede in frustrating the free sale of a certain proprietary medicine the Pharmacy Associates to the Federation the administration of the Pharmacy Associates to the Federation the administration of the Pharmacy Associates to the Federation the administration of the Pharmacy Associates to the Federation the administration of the Pharmacy Associates to the Federation the administration of the Pharmacy Associates to the Federation the administration of the Pharmacy Associates the Federation that the Federation the Associates the Federation that the Federation the Associates the Federation the Federat
- Trained to know more and more about less and less, pharmacy gra with dazzling honours degrees encounter a shortage of pharmaceutical or in which their attainments can be put to use.
- 3. In order to "break even" as contractors under the National Service in the face of a swollen list of "basic-pack" drugs, phanfind them elves compelled to buy them in 1,000-gall, or 5-ton lots.
- **4.** As the need for the traditional apparatus of pharmacy grows leless, chemists find they can make profit by disposing of the equipm exchange for articles of greater value.
- 5. After its recent lane from "pure" pharmacy in devoting an I Meeting to cosmetics, the Council of the Society surrenders to com



sm and substitutes cosmetic science for pharmaceutics in the syllabus.

Automation renders all dispensing obsolete when the Ministry of Health, installing a super instrument panel at Savile Row can, with a single sician, provide medicine untouched by hand at collecting points throughout sountry.

The Society's registrar, in despair at the dark outlook for professionalism, dons pharmacy and exploits instead his undeniable talent as a dancer of Charleston.

The Council of the Pharmaceutical Society having made rota-breaking atter of Professional Conduct, the Statutory Committee finds itself unable be with the resulting congestion.

Unable to con names for new ethical specialities at the rate they are sed and produced, manufacturers install word-building departments with st facilities for rapid change of words and syllables.

10. The success achieved at Aberdeen in September with a display by Highland pipers to British Pharmaceutical Conference members prompts the Executive to present the Science Sessions On Ice and to charge for admission.

11. Pharmaceutical manufacturers, pressed by the Treasury for prompt payment of the levy recommended by the Public Accounts Committee, re ort to their tablet machines as the only practicable way of realising the necessary ready cash.

12. In parts of the country, and especially around Southampton, pharmacies one after the other go out of business, unable to compete with the new Super Health Centres with pharmacy departments staffed by technicians under an occasional supervising pharmacist.

13. Unlucky number! A hapless pharmacist gazes into the crystal and sees the whole dire future of pharmacy in one horrified glance.

Footstrip: Out goes more of the superfluous equipment.



The Golden Voice on Channel 9

Commercial Television, Big Business and the man at the counter

By J. J. Hayton

T will come. As sure as the next "revolutionary" shampoo or the next deodorant to end all deodorants it will come—the visio/audio viewer-reaction graph. There will be the polite preliminary cough, the impeccable Anthony Eden hat, and the gaudy brochure thrust under our nose. Useless to plead that we are too busy in the dispensary, or about to go and get a hair cut. We have tried that before and never got away with it.

Till now the Hat has been able to talk in only one dimension, so to speak. Four million people, it has told us, have SEEN the advert in the Sunday Nonsense, or twelve million people HEARD the Radio Luxembourg programme. With T.V. the statistician really comes into his own. He deals with sight and hearing and can make a graph—the advertiser's dream! Not that we have ever been able to interpret a graph. Nevertheless we can see in our mind's eye the faultless Hat showing us, in beautiful crimson and heliotrope print on white glossy paper, how the number of people who saw the firm's T.V. advertisement has been plotted against the number who heard it.

"A popularity poll for the show 'Edwin and Muriel, the Nation's Lifelong Sweethearts'," says the Hat, airily overriding our plea of urgent business in the stockroom, "shows that:-

80 per cent. of the C.T.V. public saw and heard the programme;

5 per cent. had sound only (they were writing letters at

4 per cent. had vision only (their neighbours dropped in and chatted throughout the entire programme);

5 per cent, switched off (amongst them Edwin and Muriel the Lifelong Sweethearts themselves, who telerecorded the programme five months ago and have become divorced since);

6 per cent. didn't know."

(In case anyone wonders what the last 6 per cent. didn't know, that is immaterial. Amongst poll information collectors it is a matter of honour always to include 6 per cent, who don't know-its the sort of E. & O.E. of the Gallup Poll business.)

By the following week Edwin or Muriel are no longer of the slightest interest to the Hat. His company's advertisement is occupying a "natural break" in a serious music programme, and the statisticians are busy plotting the percentage of cultured listeners against the equivalent number of Philistines who tuned in to last week's close harmony

Of course, manufacturers in Britain do not "sponsor" programmes as they do in America. We hope none are so naive as to imagine that the popularity of the programme that precedes their party piece has any connection at all with its usefulness as an advertisement. Always excluding the inevitable 6 per cent, who don't know, the world seems sharply divided into those who like crooners and those who don't. Whether those gentlemen or ladies are singing next to a bunion salve or a new pools system makes no difference. Mrs. Briton may be slightly more receptive than her husband to the advertiser's approaches, but even she does not (as some manufacturers would have us believe) queue up at our shop at 9 a.m. for "a bottle of that Tantalising perfume, please, that makes your male acquaintances say to each other: 'What's happened to Hilda?—she's different these days'."

Our belief is that better results would be obtained by advertisers if, instead of affronting British reserve by praising their products to the skies manufacturers pandered to our national love of understatement and played down their wares, like this :-

SCENE. A balcony in the pouring rain, with Noel Coward melodies playing softly in the background. Old friends

REGINALD: Your hair looks pretty ghastly, old girl.

MAUD: I know. Its that dreadful new Blank's shampoo. It destroys all the natural highlights and plays up Old Harry with the warm lustre.

REGINALD: I should say its the ghastliest shampoo there is.

MAUD: Definitely, pet. But I have to wash the old mane in some filthy thing or other.

REGINALD (swallowing hard with emotion): You know, old thing, you are never so attractive as when your hair looks ghastly.

One recent effect of commercial T.V. was to start a price war—with a difference. It was fought in a pharmacist's home. "This shaving cream," said the announcer, unaware of the storm he was about to loose, "is obtainable from all chemists and stores at 1s. 9d."

"I told you so," piped a voice, "You would insist on selling it for 1s. 8d."

"But Sanger's list definitely states . . . "

"That list is pre-Budget, and in any case what was on the invoice was . . .

"Who marked it 1s. 10d, when it came in?"

"The customer said she saw it in Bxxx at 1s. $8\frac{1}{2}$..."

When all this commercial T.V. business started the radio and electrical shops took on an oddly evangelical air as the startling question: "Are you converted?" shouted at us from the windows. This was in direct contrast to the Press gossip columns which, by telling of entertainers who had "gone commercial," seemed to suggest that they had sold their souls to the devil. Edwin, the lifelong sweetheart, felt so strongly about this that when asked the question "Do you consider that an artist is prostituting his talents to commerce by advertising a tooth-paste; or is he justified in adopting any means to bring his artistry to fruition?" he answered with unerring perspicacity and in faultless English, "Yeah, I guess so.'

The choice of advertising announcers is more important than with uncommercial television. Social background and accent are, by contrast, secondary considerations. One must have a man who is not subject to sudden colds, never gets a frog in his throat and can apologise if necessary without a preliminary cough. That is because, at £1,000 a minute, a cough or two could cost the company anything up to £400. Risks have to be provided against according to a regular scale of values from £29 5s. 3d. a sneeze down to 16s. 9d. a hiccough.

The poet Oleum Markhayyam has admirably summarised the whole thing in his Tussis Rubaiyat, thus:-

One of the big business man's major fallacies Is that people read his adverts in picture palaces Instead of which they go there to sit in the back row and watch Gregory Peck

And neck.

Similarly if they know a neighbour in the vicinity With a T.V. on which for a thousand pounds a minute he Advertises, they only go there because sitting on someone else's fireside stool

Saves fuel.

DANCE AIDS IRISH BENEVOLENT FUND



December 24, 1955

THREE PRESIDENTS: Mr. P. F. McGrath (Pharmaceutical Society of Ireland), Mr. Sydney Campbell (Pharmaceutical Ireland) and Mr. D. J. Murphy (Irish Drug Association).



Mrs. M. Costello, who drew the stubs from the raffle drum, congratulates Mr. Denis Murphy on winning a prize.



THREE LADIES: Mrs, H. Corrigan, Mrs, H. Smith and Mrs, Alan Shepherd at the president's reception.



THE DANCE COMMITTEE: Seated in front are (from left), Miss Elizabeth Smyth (secretary), Mr. Kevin Banks (chairman), Miss Cora Gaffney and Mr. Michael Dargan (treasurers),

THE outstanding social event of the year in Irish pharmacy — the annual dance in aid of the Benevolent Fund of the Pharmaceutical Society of Ireland—was held in Dublin on December 6. About 600 attended the function. Among those present at a reception held by Mr. P. F. McGrath (president, Pharmaceutical Society of Ireland) were Messrs. S. E. Campbell (president, Pharmaceutical Society of Northern Ireland), W. Gorman (secretary, P.S.N.I.), and M. Power (vice-president, P.S.N.I.) and Mrs. and Miss Power, and Mr. A. Shepherd (Publisher, The Chemist and Druggist) and Mrs. Shepherd. Distinguished guests included Councillor Denis Larkin, T.D. (Lord Mayor of Dublin), and Mrs. Larkin, many members of the Council of the Pharmaceutical Society of Ireland, Mr. Denis J. Murphy (president, Irish Drug Association)

phy (president, Irish Drug Association)
and Mrs. Murphy, and
Mr. Brendan Smith (secretary, I.D.A.) and Mrs.
Smith. All facets of

pharmacy were represented including the younger generation among whom were many who had received their licence certificates only that afternoon. During the evening competitions were held for valuable prizes and in addition many spot prizes were awarded during dances.

Mr. Kevin Banks (chairman) and his committee were largely responsible for the success of the occasion. The officers of that committee were Miss Cora Gaffney and Mr. Michael Dargan (treasurers), Miss Elizabeth Smyth (secretary), Mr. Caillin Conefrey (master of ceremonies). Other members were: Messrs. David Murphy, Aloysius Dignan, Derek McGrath, Denis Costello, Miss Betty Bannon, Messrs. Sean Conway, Paddy Cronin, P. F. McGrath, M. Power and H. P. Corrigan.

Those who were unable to attend the dance can still help the Fund by sending a subscription to help defray expenses, addressed to the Treasurers, Benevolent Fund Dance Committee, College of Pharmacy, Shrewsbury Road, Ballsbridge, Dublin.





VICE-PRESIDENT AND FAMILY ATTEND FROM LIMERICK: The president with Mrs. and Miss Power and the vice-president (Mr. M. Power, Limerick). At left: Mr. and Mrs. Donal Kennelly with Mrs. McAuliffe, Mrs. Smyth and a friend.



Correct vitamin balance for all ages

From the youngest to the oldest the routine administration of ABIDEC* ensures an adequate intake of vitamins in well-balanced proportions.

For infants and children Abidec DROPS are the ideal supplementary multivitamin treatment. For adults Abidec CAPSULES are invaluable in correcting suspected deficiencies due to bad dietary habits.



Abidec Drops are easily administered to infants and children, in food, a single daily dose being adequate. For adults, adequate intake is obtained with ONE Abidec Capsule Daily.





For Retailer, Wholesaler and Manufacturer

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TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

A Landmark Among Diaries

PRINCIPAL feature of the editorial contents of the 1956 C. & D. Diary and Year Book, most copies of which have already been dispatched to subscribers, is a twelvepage "Cross Index of Drug Names." In both the 1955 and the 1954 Diary there was included a numbered list of "Approved and Other Names," each followed by numbered references to other entries to be turned to for equivalent proprietary or non-proprietary names of the drug. The superiority of the Cross Index which now takes the place of those earlier features is that each entry is complete in itself. The user is not required to turn backwards and forwards to perhaps four or five other entries on possibly as many different pages in order to find the name that is the object of the search. The improvement has, of course, not been gained without cost. The price paid, apart from an immense amount of work of compilation, is the sacrifice of a number of other features that would have occupied the extra pages taken up by the new list. So "expensive" has the new method been in space occupied that it may not be possible to accommodate it in future issues of the Diary.

The sacrifice of other information has, it is true, been minimised by shortening material given under some of the other headings, and it is fair to claim that that has been done without serious loss of usefulness. Still, some things have had to go. The directory entries are, of course, unabridged and in accordance with the information available in October, when the copy had to

be handed over to the printers.

The section on "Pharmaceutical Services Under N.H.S." continues to be the most concise, logically arranged and simply presented guide to what is recognised to make up a high proportion of every retail pharmacist's business. The information has, like the rest of the literary contents, been completely overhauled. An interesting light would, indeed, be thrown on the development of the pharmaceutical services if all the parts discarded or replaced in successive years were brought together. Like growth in a living thing, the modifications are normally apt to pass almost unperceived.

More than ever indispensable to the pharmacist in these days of constantly multiplying items of drug-trade merchandise are the Trade Directory, Buyers Guide and—hardly less—the advertisers' announcements. Most of the last-named have the added charm of being agreeably presented for pleasurable reading—trade knowledge "without tears."

One way and another there is plenty to support the

praise the publishers have already received from one subscriber whose copy of the *Diary* has reached him, that it is "better than ever." Certainly it represents without question remarkable value for money, coming as an integral part of a year's subscription to The Chemist and Druggist.

"Reconstruction" as Cause for Terminating a Tenancy

ONE of the grounds on which a landlord may resist a tenant's claim for a renewal of his tenancy under Part II of the Landlord and Tenant Act, 1954, is that he requires possession of the premises himself. That objection may not be raised by the landlord if he has acquired his interest in the premises within five years preceding the date of termination of the lease. The landlord has also the ground of opposition to a tenant's request for a new tenancy that he proposes to demolish or reconstruct the premises.

Can a landlord whose interest in the premises was created or acquired within the five-year period mentioned avail himself of the alternative objection that he intends to demolish or reconstruct? If it can be said that the premises were in any event to be demolished or reconstructed, whether or not the landlord himself wanted possession for himself, then it appears that he could. But if, on the other hand, the proposed demolition or reconstruction was bound up with the fact that the landlord required possession for himself, then he could not.

In a recent case the person who was the landlord at the end, though not for five years before the end, of the term of the lease was a jeweller. The premises had been let by his predecessor to a grocer. The landlord stated that he desired to do certain work to the premises. The work consisted of putting in a new shopfront with a kind of arcade entrance which would be suitable for a jeweller's shop. In addition he proposed to take down a wall at the back of the premises. By that work the landlord contended that he intended to reconstruct a substantial part of the premises, the work being a reconstruction of the ground floor. The county court judge, however, found that the real purpose of the landlord was to get possession in order to carry on his business of a jeweller, and that the proposed work was a secondary or ancillary matter.

A similar point was raised recently under the Leasehold Property (Temporary Provisions) Act, 1951, under which temporary security of tenure was afforded to tenants of shops. The material provision in that Act was in somewhat similar terms, and the court held that, in order to defeat the tenant's right to an extension of his tenancy, the landlords' primary purpose in requiring possession had to be the reconstruction of the premises or a substantial part thereof. A further important point was as to the meaning of the word "substantial." It is necessary that there should be either reconstruction of at least a "substantial part" of the premises, or the execution of "substantial work of construction" on at any rate part of the premises. The county court judge found that the part of the premises that would be affected by the proposed work of reconstruction (i.e., the ground floor or portions of the ground floor) did not constitute a substantial part of the premises and that the work itself did not constitute substantial work of construction.

Onward from Galen

A CURRENT CAUSERIE

"OUR advertisers," writes Beachcomber in the Daily Express, meaning presumably British advertisers and not simply those in his newspaper, "cannot compete with the Americans in finding 'new angles.' An American firm has produced a tooth-paste with a flavour of whisky. The cleverness of this is that the advertisements can dispense with all the usual nonsense about the miraculous effects of the paste, and can make a straightforward appeal to people who don't care a straw what happens to their teeth, but like whisky." Rum that they can't think of a better way of indulging their fancy!

Beachcomber's paragraph is not intended to be taken seriously. Yet it is not so far removed from fact. The News Letter No. 72" of Manesty Machines, Ltd., Speke, Liverpool, 19, reprints a paragraph from U.S. patent No. 2,696,441, for an "imitation vinegar" tablet: "A dry composition is prepared which can be made up into a tablet which, when dissolved in water, forms a solution which comparcs very favourably with natural vinegar. The composition is prepared by absorbing glacial acetic acid and a concentrated pure fruit essence on a solid binder. The binder consists essentially of malic acid and a substantially dry sugar-preferably dry lactose, though sucrose or glucose could be used. In the same way, dehydrated food powders such as tomato juice, onion powder or mustard powder, can be added to the dry vinegar mix so that the addition of water results in a liquid condiment tasting of, for example, Worcestershire sauce."

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If headline writing is an art, the popular newspapers appear to make it the art of the unlikely. An article in the News Chronicle recently was headed: "Once the Snow was Medicinal." What could the contribution be about? Was it by any chance pharmaceutical? Something to do with heroin, perhaps? The opening paragraph dcalt with Christmas cards. Not until the halfway mark was reached did any connection become apparent between the headline and the text. In a paragraph that seemed to have been extracted from a notebook labelled "facts about Christmas cards," it was stated: "The recipient of this year's glittering snowfall greetings may care to compare their taste with those of a few years ago. The present 'snow' consists of powdered mica but, during the war, crushed Epsom salts was used as a substitute." Now we know, perhaps, why Christmas card departments are considered suitable "sideline" activities in some chemists' shops.

AT a recent meeting of Perth and Kinross Executive Council, Dr. A. G. Reid, Auchterarder, pointed out that the word "surgery" had been used instead of "pharmacy" in a document presented to the meeting. At once the chairman (Dr. J. O. McDonagh) leaned forward and threw a packet of sweets the length of the table to Dr. Reid. "You win. I bought these for the person who pointed out that mistake-somebody was sure to." Dr. Reid, pocketing the sweets, said: "I have two children at home who will find a use for these." Conduct of this kind upsets the picture of Executive Councils as solemn groups of men gathered earnestly meting out discipline, usually in the form of monetary penalties, to members of the medical and allied professions. With this sort of revelation of human weaknesses being made by Executive Councils and their medical members, we may be brought to the point where Ministry officials toss the Contractors' Committee double or quits for an increase of remuneration.

In London in December builders, architects and town planners have been celebrating the centenary of the death of Thomas Cubitt, an early "speculative" builder of enlightened type who erected whole neighbourhoods that have survived to give a durable and distinctive character to much of the Metropolis. To pharmacists it must be a point of pride that the headquarters of the Pharmaceutical Society was already old when Cubitt embarked on his career of construction in Belgravia, Pimlico and elsewhere. "No. 17" was built at the beginning of the eighteenth century. At that time Bloomsbury Square was being visited by foreign ambassadors and princes interested in what was regarded as an outstanding example of town planning. The building was already eighty years old when John Nash, himself a young builder, moved there from Lambeth and proceeded to decorate it with the stucco for which he afterwards became noted as an architect of that Regent Street which had a distinguished life but had to give way in modern times to the Regent Street of today.

PROFESSOR C. M. Yonge, in an article on the giant African snail in a recent issue of the *Manchester Guardian*, mentions its use in Japanese medicine as one reason for its alarming and destructive spread in many Pacific regions where it was previously unknown. The Japanese, he writes, "seem to have thought highly of this snail as an article of human

The Snow-White Heroin

[With apologies to Walt Disney]

THE Dwarfs, distressed that Happy is in such pain that he no longer smiles, decide to him to England to be given some of the Magic Powder of the Snow-White Heroin, Sneezy and Dopey go with him. Soon Happy is smiling again, Sneezy finds some of the Magic Powder and samples it. He ceases to sneeze. Dopey tries some, too. He likes it. Soon he likes it so much he cannot do without it. He raids the quarters of the Snow-White Heroin and steals a large packet of the Magic Powder. Afraid of being found out, he returns home, smuggling it through the Customs. He introduces the other Dwarfs to the Magic Powder. They go mad and commit crimes. The Giant Interpol, fearing a Crime Wave, and angry at the Snow-White Heroin, decides to visit England and have her put in chains. Protesting her innocence, the Snow-White Heroin is handcuffed and chained to a dungeon wall. A gallant knight comes to the rescue, convinced that she never used the Magic Powder except to do good, He finds a flaw in the chain and breaks it. The Snow-White Heroin set free and allowed to make more of the Magic Powder, strictly for the relicf of pain.



The Snow-White Heroin relieves Happy's pain with the Magic Powder, Behind her back, Dopey raids the cumboard.



Dopey, having surreptitiously returned home with the Magic Powder, introduces it to his fellow Dwarfs.

food but still more so as a medicine. An article in the Osaka Mainichi Shinbun of April 19, 1936, claimed it as a new cure for consumption and kidney trouble. Not that there is anything new in the belief that snails are a cure for consumption, one that certainly prevailed in this country as late as the first half of the nineteenth century." During the war the Japanese deliberately introduced the snails, as food or medicine, into the islands they invaded.

THE idea of "technicians" is far from being exclusive to pharmacy. A report issued recently by the World Health Organisation states that, in view of the acute shortage of fully trained doctors, the Government of Viet Nam has sought the counsel and assistance of that Organisation to set up a "health technicians" school. The aim is to train subprofessional workers ("health technicians"), who will

function as leaders of rural health teams. The basic education requirements for entrance to the school are somewhat lower than for medical students. Recruitment will be largely from rural arcas. The training course will last three years and will include "some tuition in clinical medicine, in the preventive aspects of medicine, and in environmental sanitation." It is planned to provide for up to 120 students a year. They will receive free tuition and a living allowance and, after graduating, will become Government scrvants, working under the supervision of provincial medical officers. They will not be allowed to use the title "Dr.", nor will they be entitled to practise privately. One wonders how the rural population of Viet Nam will address the technicians. It seems unlikely that there is already, in the Annamese language, a good vernacular word meaning "health technician" as distinct from "doctor."

CORRESPONDENCE

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed

PRESENTING A CASE

SIR,—While I agree with most of Mr. Duckworth's letter on "Public Accounts and Public Relations," I doubt the correctness of his remark "we are confident that the Health Departments will have presented fully to that Committee the views and arguments of the A.B.P.I." If there are two parties to an argument or dispute, and one side only has access to a tribunal, it is inherently improbable that the one side will present the case for the opposition as convincingly and earnestly as the opposition themselves would have done if present. In view of the importance of the issues, alike to the patient, the National Health Service, the industry, and the balance of exports and imports, it would seem to me essential for the industry to find ways of putting the case for ethical preparations direct to the Committee on Public Accounts.

I think, too, that the unquestioning acceptance of the Cohen Committee's classifications as the last word should be challenged. It is absurd to pretend that, outside the narrow limits of category 1, the industry has failed to produce anything superior to official preparations. The standards of the British Pharmacopæia, like those of the British Standards Institution, represent no more than reasonable minimum standards which can be, and often are, surpassed by the best manufacturers. It is that constant endeavour to improve on the standard product that makes for advance

in industry and medicine.
HORSHAM, SUSSEX

F. F. MARCHBANK

STRANGE BEDFELLOWS

SIR,—The irony of the title of your editorial article on the new plans for the Fellowship of the Society (C. & D.,

December 17, p. 696) was well justified. The Council's decision will give shape to the highest distinction which the statutory pharmaceutical body can confer, yet it bears the marks of being born of compromise and muddle, rather than of a clear-sighted appreciation of what is appropriate to the dignity of an old-established professional organisation. There will now be three categories of pharmacists included under the designation "Fellow": those. like myself, who chose to take the higher qualification when there were alternative courses open to students; those young people to whom you refer, who wish to have their work, initiative, imagination and creative ability" sessed (for a fee); and those older and possibly humbler members of the Society whose talents have come to the notice of the Council. These people will make strange bedfellows. Allowing certain potential Fellows to take the first step in having the honour bestowed on them sadly detracts from the dignity of the Fellowship. We older "Ph.C.s" have had our title made available to others, and, in return, have been given, at best, an unestablished designation. Even members of the Council are unsure on the status which it is intended to have. The position is made more confused by suggestions put forward that eventually Honorary Fellowship may be offered for a wide variety of reasons, including, no doubt, political. It appears that the Council wishes to "mark out a certain kind of man," but, for convenience, it proposes to lump in with the new model us older types. Such a procedure is complimentary neither to us nor to the as yet unmade Fellows. There must be an alternative to this plan. If not, I would prefer to continue to be known merely by the description of what I am: A PHARMACEUTICAL CHEMIST

WARNING: Children should be discouraged from adding colour to the pictures



The Dwarfs go mad and commit crimes,



To prevent further supplies leaving England, the Giant Interpol contrives that the Snow-White Heroin shall be put in chains,



A gallant Knight comes to the rescue. He finds a weak link in the chain and releases the Snow-White Heroin—at least for a time.

PHARMACEUTICAL SOCIETY OF IRELAND

Monthly Meeting of Council

A MEETING of the Council of the Pharmaceutical Society of Ireland was held in Dublin on December 13, Mr. P. F. McGrath (president) in the chair. Other members present were Messrs. H. P. Corrigan (treasurer), J. Gleeson, A. A. Toher, G. C. O'Neill, T. B. O'Sullivan, J. P. Kissane, P. A. Brady, E. J. McSweeney, T. C. Scott, D. J. Kennelly, P. Fullam, F. J. Robinson, and C. J. Cremen. Mr. James G. Coleman (registrar) was in attendance. Apologies for absence were received from Messrs. M. Power (vice-president), V. McElwee, N. A. McKane, and J. J. O'Regan.

Society's "Great Victory"

THE PRESIDENT, referring to the Appeal proceedings before the Supreme Court, said that he would like to express the Society's thanks to Messrs. Costello and Corrigan for their work in that connection and to the Society's Press reporter for the excellent Press the case had received. The Society had secured a great victory in having the professional status of their calling now established and recognised by the Courts. No matter what the result of the other matters at issue a big win had been gained on the professional question.

Notification was received that a Chemists' International Fair was being held in Dusseldorf, October 7-14, 1956.

Mr. P. O'Briain (the Society's liaison officer and inspector) submitted his first report on visits paid to 386 pharmacies in Dublin, setting out various complaints he had received from individual chemists, and the conditions he found generally. THE PRESIDENT said that the report was very good. The Council wanted Mr. O'Briain to be most useful to the Society and the members. Mr. Brady said that there were complaints made by members to Mr. O'Briain which should be followed up. Mr. Scott pointed out that some of the items mentioned in the report were trade matters which should be dealt with by the Irish Drug Association. Mr. O'NEILL said that a circular had gone out from the I.D.A. on some of the complaints. MR. TOHER suggested that Mr. O'Briain should get in touch with the secretaries of local associations and meet the local groups before calling on each chemist individually. MR. BRADY said that the report indicated that most useful results were obtained by meeting chemists individually. THE PRESIDENT said that action would be taken on most of the matters raised by Mr. O'Briain.

A letter was read from the Association of Ophthalmic Opticians intimating that they would co-operate with the Society on pharmaceutical representation on the first Board to be set up under the new Bill. THE PRESIDENT said that the Society was anxious to protect the interest of chemists who were dispensing opticians. A letter was also received from a newly formed Irish Association of Dispensing Opticians, stating that the purpose of the Association was to forward the interests of chemists engaged in optical dis-pensing. The Council expressed its willingness to co-

operate with that Association.

The president invited the Council's views on several matters of pharmaceutical interest at present before the National Health Council, including the labelling of preparations. In the discussion which followed, the president heard the views of the Council which he said he would bear in mind when attending future Health Council

The report of the Society's teaching staff and examiners submitted a syllabus for the second professional course, and recommended a course of studies and practical work during the apprenticeship period. Mr. Toher said that the courses proposed did not take cognisance of existing conditions in pharmacy. He wanted students to be more fitted for their job than they were, but from that report he thought they would still be unfitted. In his view there

should be a business approach to the matter and the theoretical or academic side kept well under control. Mr. KENNELLY said that the aim should be to raise the standard. He had been prepared to be critical of the new syllabus, but that memorandum had disarmed him. It was an excellent outline. There were at least fourteen antibiotics in current use and it was absurd that chemists should be dispensing them without knowing something about them. It was hopeless if the chemist did not know the steroids, as the doctors were often anxious to get help from the chemist on those compounds. The subjects recommended were what the young student of today wanted. The report was on the right lines.

THE PRESIDENT said it was an excellent report. things Mr. Toher wished the students to learn should be acquired during their three years' practical work. MR. SCOTT thought that the students should be given an opportunity to assimilate all they could. Mr. Brady said that the student of today thought that there was too much importance attached to making up such things as pills and suppositories. He was glad to see that the Dean of the College recommended that the course of education should be flexible. The old course was too restricted. THE PRESI-DENT said the Society was trying to produce better-trained students. Mr. Toher said that the Society should decide what type of pharmacist-retail, manufacturing or hospital—they wished to produce. THE PRESIDENT said that the Society should train pharmaceutical chemists and any specialised training should come afterwards, MR. BRADY suggested that the matter should be finalised at the January meeting, when Councillors could propose deletions or additions. Mr. Fullam said that he was prepared to accept the report as it stood. Mr. Toher had asked what kind of chemists were being trained. The Society was training them for the compounding and dispensing of medical prescriptions and the carrying on of retail pharmacy. The report was a fine document and he moved that it should be adopted.

Staff Congratulated

MR. CREMEN said that the staff who produced such a fine syllabus were to be congratulated. Mr. Toher said that he did not approve of training young Irish retail pharmacists in such things as the assay of liniment of iodine, or the mounting and staining of specimens. It was waste of time encumbering them with that sort of thing. MR. O'NEILL said the difference between the chemist and the grocer was the fact that the chemist could assay iodine. MESSRS. KISSANE and GLEESON congratulated the teaching staff on the report.

MR. Toher stressed the importance of students keeping notebooks which were the king-pin or sheet anchor of the apprentice. They should be asked to bring their notebooks to the College for inspection. Mr. Kennelly said that that point could be taken care of before next September. Mr. McSweeney said that morally there were certain obligations on the masters to provide facilities for their apprentices. THE PRESIDENT agreed that those two points were very important. It was agreed to send out a synopsis of the first three pages of the report to masters and students, and to consider the various points raised at the January Council meeting.

Congratulations were extended by the Council to Mr. Richard Timoney on obtaining his Ph.D., and to Mr. C. S. O'Connor on obtaining his B.A.(Mod.), B.Sc.

THE REGISTRAR reported on the removal of the following from the register of pharmaceutical chemists under Section 25: Messrs. D. S. Austin, S. Bishara, C. V. Bolton, P. J. Burns, P. Cagney, T. W. Campion, T. Coughlan, A. Crowley, E. W. Grimley, B. Hirson, T. Hunt, J. A. Hynes, H. Knight, R. H. Lowe, J. R. Molony, A. Montgomery, T. J. O'Connor, P. C. O'Donnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, F. J. Patierra, and W. P. Cinnell, R. M. Park, A. A. Peliscier, R. M. Park, A. Peliscier, R. M. Park, R. M.

sier, F. I. Robinson, and W. B. Stewart.

The licence certificates of the following were signed and sealed:—Myles O'Brien, Richard J. Cogan, Coleman A. O'Flynn, John Joseph Joyce, Thomas Robert Kehoe, Luke Anthony Kieran, Patrick J. Fitzmaurice, Padraic S. Quinn, John M. McKiernan, Padraic Walker, Julia C. Murphy, Mary E. Davey, Mary E. Chambers, Mary E. Coffey, Mary C. McDonald, Philomena Murphy, Eileen M. McCarthy, Josephine Cunningham, and Dolores P. McCormack.

The following were elected members of the Society:—Messrs. P. G. Coen, David Nunan, John D. O'Bryne, Francis O'Brien, Michael Santry, Patrick J. Weir, Misses Johanna Murphy, Mary O. McNamara, and Ruth C. O'Malley. The following were nominated for membership:—Patrick Fintan Larkin, 12 West Street, Drogheda, co. Louth; Mary Catherine Costello, 3 Shop Street, Drogheda, co. Louth; George Doherty. Shelburne Co-operative Agricultural Society, Ltd., Campile, co. Wexford; Michael Moloney, 37B William Street, Limerick; Patrick Pierse Gray, 39 Kildare Street, Dublin; Mary Byrne, 28 Strand Street, Skerries, co. Dublin; Dorothy O'Grady, 4 Wellington Gardens, Oakley Road, Dublin. Denis Flannery, 30 Bolton

Street, Dublin, was nominated an associate.

Dr. Eoin Barrett, who submitted an L.A.H. certificate, was granted registration as a pharmaceutical chemist. The

following changes of address were notified:

Messrs. Patrick Daffy, M.P.S.I., to 60 William Street, Limerick; Martin J. Fahy, M.P.S.I., to 8 Shop Street, Galway; Patrick Fahey, M.P.S.I., to Patrick Street, Tullamore; Bernard Feeney, M.P.S.I., to P.O. Box 224, Dar-es-Salaam, Tanganyika, East Africa; James A. Finegan, L.P.S.I., to 21 Waterloo Road, Dublin; J. B. Fleming, L.P.S.I., to 45 Sandford Road, Dublin; John J. Brooks, L.P.S.I., to 6 Ormscliffe Road, Rednal, Birmingham, England; N. A. Best, L.P.S.I., to Cluny, Manor Road, Wallasey, Ches, England; G. K. Hickey, L.P.S.I., to Glendalough, 16 Brown Lane, Rotherham, Yorks, England; W. H. McMullen, L.P.S.I., to 156 Wake Green Road, Moseley Road, Birmingham, England; Patrick P. Gray, L.P.S.I., to 39 Kildare Street, Dublin; Gabriel Griffin, M.P.S.I., to 153 Fortfield Estate, Terenure, Dublin; Henry McEver, L.P.S.I., to 112 Barrack Street, Cork; Thomas Moloney, M.P.S.I., to Lawrencetown, co. Galway; Michael Moloney, L.P.S.I., to 378 William Street, Limerick; Francis M. Smyth, M.P.S.I., to c/o 74 Foxhall Road, Ipswich, Suffolk, England; Misses Mary Byrne, L.P.S.I., to 28 Strand Street, Skerries, co. Dublin; and Kathleen Casey, L.P.S.I., to Dominick Street, Mullingar, co. Westmeath.

At a meeting of the Benevolent Fund Committee held at the close of the Council meeting a number of special grants for the Christmas season were passed for payment.

NEW BOOKS

Benzene Vapour

H.M. Stationery Office, York House, Kingsway, London, W.C.2. 9\frac{1}{4} \times 6 in. Pp. 6. Second edition. One shilling. THE new edition of a leaflet first published in 1938 describes a new method of test and the apparatus required for determining the presence and amount of benzene in industrial atmospheres. The test is still based on the use of a formolite reagent and the assessment is made by comparison with a standard colour, but an improved form of bubbler has been designed and the use of a standard rubber-bulb aspirator in place of the hand pump is advocated. A new method of preparing the standard colour is described.

London Medical Handbook, 1955-56

British and Colonial Druggist, Ltd., 194 Bishopsgate, London, E.C.2. 10 x 8½ in. Pp. 126 + xviii. 10s. 6d.

The 1955 edition of the handbook published annually to coincide with the London Medical Exhibition contains an alphabetical list of medical specialities, together with indications of their makers or suppliers, their composition, therapeutic indications; a therapeutic index alphabetically arranged; and a list of medical, nursing and convalescent homes, and homes for the aged and mentally ill. The handbook includes articles on "Chemistry and the Revolution in Therapeutics," by Sir Charles Dodds; "The Advancing Front of Surgery" by Mr. Ian Aird, Ch.M., F.R.C.S.; "Trends in Obstetrics and Gynæcology," by Dr. W. C. W. Nixon; and "The Modern Prescription," by Mr. J. R. Elliott (chief pharmacist, St. Bartholomew's Hospital).

A.B.C. World Airways Guide

Thomas Skinner & Co. (Publishers), Ltd., Gresham House, Old Broad Street, London, E.C.2. 11 x 8½ in. Pp. 612. 7s. 6d. monthly. Annual subscription £4 15s.

THE guide is published monthly and contains time-tables and tariffs for all regular scheduled air services throughout the world. The information is divided into two main sections: an alphabetical fares index; and time-tables of air services. The sections are cross-referenced and embody all information required for planning an air journey. Fares are given in basic currencies (sterling and dollar), and in local currencies, and cover single, return, tourist and off-season rates. Baggage and freight rates are set out in detail. Other information includes aircraft types, air travel information, charter services, international travel requirements (passport and visa information), international health regulations, currency and exchange rates, international time calculator, etc. The guide includes twelve pages of sectional air-line maps, with routes keyed to the time-tables in the guide.

The Compend

W. HETHERINGTON, F.P.S. John Wright & Sons, Ltd. Stonebridge Press, Bath Road, Bristol, 4. 7 x 4 in. Pp. 668, 32s. 6d.

UPWARDS of 2,500 proprietaries are dealt with in this compendium of ethical proprietaries used in medicine and pharmacy. The monographs are arranged alphabetically. Each gives in order the name of the product, poisons schedules if any, manufacturer or distributor, composition, presentation, therapeutic indications, dosage, mode of administration, contra-indications and packs. The information has been checked by the manufacturers concerned. The monographs occupy 580 of the 668 pages. In the remainder are listed the Approved Names adopted by the Pharmacopæia Commission; international units and standard values; a list of the main drugs dealt with in the monographs followed by the names of proprietary products containing them; a therapeutic index; and the names and addresses of the manufacturers. A task that must have seemed insuperable to many has been tackled and mastered, with results that must make the book a best seller among doctors. To hospital and other pharmacists it gives invaluable information in smaller compass than ordinary filing systems. The only hopeless aspect is the rapidity with which the introduction of new products destroys the comprehensive character of the compendium.

THE WONDER DRUG

THEY tested me for adenoids, quinsy, tonsillitis,
I was given a cardiograph, and examined for hepatitis,
They looked upon my medical card (the list for one's
diseases)

Then packed me off to Salisbury, to see if I had sneezes. I used the tooth-pastes advertised. I had no halitosis,

But quickly emptied the room when they found I'd bromidrosis.

They even played at "Guess my name" and asked if I had cancer,

But I couldn't " beat the panel" 'cause I didn't know the answer.

They filled me with injections, until, with weary sigh, "Why all this blinking fuss?" I asked (a really plaintive

cry);
"We want to try the Wonder Drug," said the doctor who

"We want to try the Wonder Drug," said the doctor who had made it,

"It's so powerful you have to be in perfect health to take it,"

A. McG.

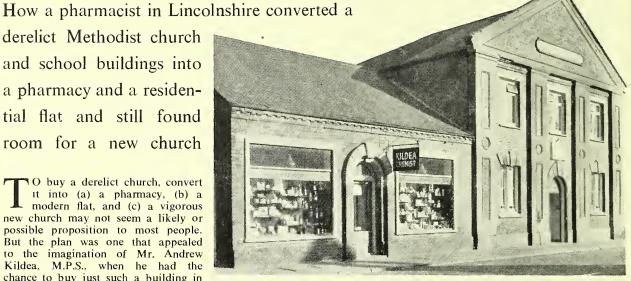
A PHARMACY IN A CHURCH

derelict Methodist church and school buildings into a pharmacy and a residential flat and still found room for a new church

O buy a derelict church, convert it into (a) a pharmacy, (b) a modern flat, and (c) a vigorous new church may not seem a likely or possible proposition to most people. But the plan was one that appealed to the imagination of Mr. Andrew Kildea, M.P.S., when he had the chance to buy just such a building in 1954, and his energy and drive have brought the plan to fruition and made it an established success.

Mr. Kildea was born in Tydavnet, co, Monaghan, Eire, and served an apprenticeship with the late Mr. P. Ronaghan in the town of Monaghan. In 1925 he came to England, where he had to undergo another apprenticeship, qualifying in 1930. Until 1945 he served with Boots, Ltd., managing branches in Huntingdon and Wisbech. In that year he forsook "multiple" pharmacy to set up in business on his own. As the place for his venture he chose Sutton Bridge, Lincs. Soon he had a thriving business and when, in 1954, he was offered larger premises he was immediately interested.

The premises on offer consisted of a former Methodist church with a large annexe that had at one time been a school used by the Chapel authorities.



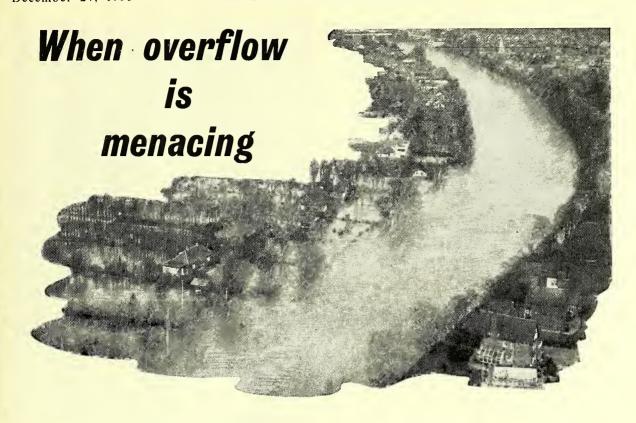
Kildea Chemist" simply says the sign hanging outside the unusually situated pharmacy in Sutton Bridge, Lines, of Mr. Andrew Kildea, M.P.S. Alongside the shop with its large square windows and charming arched doorway stands the Catholic Church of Our Lady and St. Dymphna.

Letting his imagination dwell on the possibilities, Mr. Kildea, a Roman Catholic, conceived the idea of benefiting his co-religionists—there is no catholic church nearer than twelve miles away—and indirectly the community at large. The number of Roman Catholics in the locality increases in the summer, for a local canning factory employs Irish and Maltese labour. Even so, the church had need to be only small, seating 125. So Mr. Kildea decided to convert the gallery of the church into a modern flat and to use the annexe for the pharmacy, from which access to the flat is gained.

The legal formalities were completed in January of this year, and business in the new pharmacy—which is just



In his spacious and beautifully tidy shop, Mr. Kildea advises a customer.



Whenever there is a serious accumulation of excess fluid in the tissues—as in cardiac oedema—prompt action is called for. DIAMOX Acetazoleamide speedily and safely procures the copious diuresis needed to relieve such conditions. The value of this potent oral diuretic is, however, by no means restricted to congestive heart failure. In glaucoma, for instance, striking results have already been obtained; while in oedema of pregnancy, renal oedema, emphysema and epilepsy, the use of DIAMOX has passed well beyond a merely exploratory stage. DIAMOX is now available in parenteral form for patients when the oral route is impracticable.



ORAL TABLETS 250 mg.: Bottles of 25, 100 and 1,000.

PARENTERAL: Vials of 500 mg.

*Regd. Trade Mark



LEDERLE LABORATORIES DIVISION

Cyanamid Products Eld. BUSH HOUSE · LONDON W.C.2. TEMPLE BAR 5411



Above, the interior of the church; centred above the altar is the statue—carved in Dublin—of St. Dymphna. Right, passage in the flat above the church. The windows on the right admit light to the church. At the far end is a staircase leading down to the shop.

across the road from Mr. Kildea's old one—started on April 4. The transfer of stock and fittings was completed in one night, thanks largely to the willing co-operation of about fifty volunteers from a local Royal Air Force station. They carried the stock across in baskets and were suitably rewarded for their efforts. The shop opened punctually at 9 a.m. on the Monday morning with everything ship-shape.

A pleasing feature of the shop is the two large square windows one at each side of the original charming arched doorway of the school. All the fittings from the old shop were used in the new, and several new showcases had to be provided as well. The fitting-out was done by S. Maw, Son & Sons, Ltd., New Barnet, Herts. By coincidence the shelving from the old shop fitted nicely into the new one. For example, the unit that incorporated the sink in the dispensary fitted almost to within 1/16 in. the space available for it on the back wall of the new shop.

The flat in which Mr. Kildea lives above the church (is he the only pharmacist in Britain to have a home so placed?) deserves a brief description. It is built in the shape of a U. The balustrades of the old gallery have been extended, by plaster board nailed to joists, to the ceiling of the church. The gallery that ran along the back wall of the church and faced the altar has been widened a little and includes the main lobby of the flat, from which open off, on one side a lounge, a dining-room and a bedroom; and at one end entrance is gained to two bedrooms that are accommodated in one of the side galleries of the church. The other end of the lobby is open to the staircase down to the shop and to the other side gallery. That gallery now accommodates a narrow passage alongside a bathroom and leading to the kitchen, which fills the width of the remainder of the gallery. A pantry in the kitchen has been built on to the gallery beside the altar; it is balanced on the opposite side by a sacristy of the church. There is a separate entrance to the flat at the back.

St. Dymphna

The church, which was opened on July 10, has been named the Catholic Church of Our Lady and St. Dymphna. Mr. Kildea sought permission to have it so named, for his old home town, Tydavnet, means in Gaelic "house of Dymphna," an Irish princess who, in the year 600, was executed at Gheel, Belgium, by her father and was later canonised in consequence of certain miracles. By a peculiar circumstance the parish priest in Sutton Bridge belongs to the order of Norbertines, who have the care of St. Dymphna's shrine at Gheel. To give the opening sermon in his new church, which was opened by the Catholic Bishop of Nottingham, Mr. Kildea's old parish priest flew over



from Ireland. A niche has been provided above the altar for a statue of St. Dymphna specially carved in Dublin.

UNFAIR TO WORMS

OF all the countless Customs regulations We'd like to solve this baffling mystery —Why purchase tax on round-worm preparations When tape-worm remedies are sold tax-free?

When dogs need treatment that is vermifugal Because on their insides the grubs have battened Nature, though still unkind, is being frugal When she decides on worms whose lengths are flattened.

It seems to us that no one but a fathead Would separate the two—it's quite absurd Discriminating 'twixt the round and flat head—ALL worms we think should get the early "bird."

The Customs men were asked this worming question But wriggled out of answering in a trice, "It dates from Charles the First," was their suggestion, "When Roundheads carried a much greater price."

We do not know precisely what the term is
In vermeology, but worms have turned
—Class-consciousness has split the genus Vermis
A worm caste system reigns, which once they spurned.

Because of this vermiculate enigma
Each round-worm circle has its local "cat."
Miss tape-worm feels a sort of social stigma
When Mrs. Round-worm says, "My dear, she's flat!"

Miss Round-worm tells her tape-worm swain to beat it, "You'll never worm from father his consent, —You can't have your wormcake, my friend, and eat it, My fam'ly's just gone up 5 more per cent.!"

J. J. H.

The tape-worm, much too proud to be confounded, Consoles himself in that, though oddly-shaped, No natural law can make the tape-worm rounded But civil law has got the round-worm taped.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, DECEMBER 21: Trading in all sections of markets during the week was subdued by reason of seasonal influences, and it is unlikely that there will be any resumption of activity until the turn of the year, ESSENTIAL Oils were particularly dull, but values of CRUDE DRUGS were remarkably steady considering the lack of buying interest.

Among Spices the African variety of GINGER were easier on the spot as lower rates for new-crop material were received from origin. There was little, if any, Jamaican No. 3 on the spot but a parcel of No. 2 was offered. TURMERIC was 2s. 6d. per cwt. less than the week previous but NUTMEGS were higher. ALOES continued firm with practically no offers for shipment. SHELLAC was fractionally dearer on the week's trading. Of the 14,131 packages (of two Calcutta maunds) shipped from India in November, the United Kingdom took 3,765 packages and the United States, 2,270. New-crop Agar was easier for shipment and spot holders of IPECACUANHA shaded their prices somewhat, although there was no business reported at those levels. Among Aromatic Seeds a small business was done in Cumin; Fenugreek was firmer and sales of FENNEL were reported done at 85s. per cwt.

There were no changes in PHARMA-Among Oils CEUTICAL CHEMICALS. lower levels were reported at origin for CHENOPODIUM. ALMOND oil prices were nominal because of the continued high prices ruling for almonds. Castor and

LINSEED remained firm.

Pharmaceutical Chemicals

Ammonium acetate. — 1-cwt. lots of B.P.C. are quoted at 3s. 9d. per lb.

AMMONIUM BICARBONATE. — The B.P. powder is £50 5s. per ton; CARBONATE is £81 10s. for lump and £85 10s. for powder, all delivered terms.

AMPHETAMINE. — Prices (per kilo) for 25-kilo lots are as follows:—BASE, 160s.; SULPHATE, 130s.; d-Amphetamine. 550s.

Aneurine hydrochloride. — Price per kilo is £29 5s. with 10-kilo lots at £29 2s. 6d, per kilo.

ASCORBIC ACID.—Rates (per kilo) are:
1 kilo, £6 12s. 6d.; 10 kilos, £6 11s.
BISMUTH SALTS.—The following are the prices (per lb.) in largest bulk packages:—

	1-cwt.	28-Ib.	7-lb.	
CARBONATE SALICYLATE SUBGALLATE SUBNITRATE	8. d. 23 5 22 6 21 8	8. d. 23 8 22 9 21 11	8. d. 27 51 26 41 25 41 24 64	

2-cwt. lots are 3d. per lb. less than the 1-cwt. rates. The present 1-cwt. rates for other salts are:—CITRATE, B.P.C., 22s. 8d.; NITRATE, Crystal, 14s. 8d. OXIDE, B.P.C., 27s. 7d.; OXYCHLORIDE, B.P. 27s. 9d.; OXYIODOGALLATE, B.P.C., 28s. 9d. and TRIBROMPHENATE, B.P.C., 26s. 9d.

BROMIDES. — POTASSIUM B.P. crystals in 5-cwt. lots are 2s. 11\frac{1}{2}d. per lb.; 1-cwt., 3s. 0\frac{1}{2}d. per lb. Powder is 1\frac{1}{2}d. per lb. more. Ammonium is 3s. ld. per lb. in 5-cwt. lots and Sodium, 2s. 10\frac{1}{2}d. per lb.

CALCIFEROL.—B.P. is 4s. per gm. for 100-gm. lots and 3s. 9d. per gm. for 500-gm.

CALCIUM PANTOTHENATE.—Price per kilo is £32 10s.

7-DEHYDROCHOLESTEROL, ACTIVATED. — Price is 4d. per million units for less than 1,000 m.u. and 3½d. for 1,000 to 5,000 m.u.

Ergotoxine ethanesulphonate. — Price per gm. for B.P.C. (1949) is: 1 gm., 168s. 9d.; 10 gm., 155s. 3d.

FOLIC ACID.—B.P. and U.S.P. is offered at 9s, 6d. per gm, in 1-kilo lots.

HYDROQUINONE.—Quotations for 1-cwt. lots are 10s. 6d. per lb. For smaller quantities, viz., 28-lb., 10s. 9d.; 14-lb., 11s. 6d.; 7-lb., 12s.

HYOSCINE HYDROBROMIDE.—1-oz. lots are 74s. 3d.; 4-oz., 74s., and 16-oz., 73s. 9d., per oz.

LEAD ACETATE.—B.P. crystals are 180s. per cwt., and technical, 160s.

MENAPHTHONE. — B.P. is £12 per kilo; ACETOMENAPHTHONE, B.P., £12; WATER-SOL-UBLE (menadione sodium bisulphite, U.S.P.), £16 per kilo.

METHADONE HYDROCHLORIDE. - Price is from 2s. to 2s. 6d. per gm. as to quantity.

NICOTINIC ACID. — Prices per kilo are 57s. 6d. for 1-kilo and 53s. 3d. for 50-kilo lots

PHENACETIN. — In 5-cwt. lots makers' price is now 6s. 8d. per lb., 1-cwt., 6s. 9d.

PIPERAZINE. — Quotations for HYDRATE are from 20s. 6d. per lb. with CITRATE at 28s. per 1b.

POTASH SULPHURATED .- B.P.C. lump is 2s. 3d. per lb. for 1-cwt. lots.

POTASSIUM BICARBONATE. — B.P. powder is 110s, per cwt. for 1-4-cwt. lots and 105s, per cwt. for 5-cwt. and over.

POTASSIUM BROMATE.—In 5-cwt, lots, 7s. per lb. In small quantities the prices range up to 8s. 9d. per lb.

POTASSIUM HYDROXIDE.—B.P. sticks are from 6s. 6d. per lb.

Pyridoxine. — Manufacturers' rate is £170 per kilo.

LAVINE. — Price (per kilo) is for 1-kilo and £36 12s, 6d, for RIBOFLAVINE. -10-kilo lots.

Salicin.—Price quoted is 17s. per oz. SALOL.—Quotations for B.P.C. are about 9s, per lb, for 1-cwt. lots,

SILVER SALTS. — NITRATE in 1,000-oz. lots the price is 4s, 4\(\frac{1}{2}\)d. per oz; PROTEIN is unchanged at from 36s, 3d, to 42s, 9d, per lb, and VITELLIN, from 68s, 6d, to 76s, 6d, per lb, as to quantity.

SODIUM ACETATE.—B.P.C. in 1-cwt. lots is 1s, 8d, per lb.

SODIUM CARBONATE.—B.P. exsiccated is 60s. 6d. per cwt.

TEREBENE. — For 1-carbov lots, 4s. 2d. per lb. is asked. In winchesters, prices are from 4s. 3½d. to 5s. 2d. per lb.

TEREBINTH.—B.P. is 2s. 3d. per lb.

VITAMIN A.—Supplied in strengths of 200,000 international units per gm. the price is 1s. 1d. per million i.u.

VITAMIN D.—In oil, 2 million units per gm, the price is from 2d, to 3d, per m.i.u. as to quantity. Crystalline see under calciferol. D. see under 7-dehydrocholesterol, activated.

VITAMIN E (synthetic). TOCOPHERYL VITAMIN E (synthetic). — TOCOPHERYL ACETATE, B.P.C., 10 gm. to 100 gm., 1s. 6d. per gm.; 100 gm. to 1 kilo, 1s, 3d. per gm., 1 kilo and under 10 kilos, £60 per kilo. The equivalent rates for racemic cc TOCOPHEROL (unesterified) are 1s, 8d, per gm.; 1s. 5d. per gm. and £66 per kilo.

Industrial Chemicals

ACETALDEHYDE. — The 100 per cent, is 140s, per cwt, for drum lots and the 40 per cent., 149s.

ACETATES.—Prices (per cwt.) for drum lots are as follows:—AMYL (technical), 236s. and B.S.S., 238s.; BUTYL (B.S. 551: 1950), 165s.; ETHYL (B.S. 553: 1950), 134s.; ISOPROPYL, 133s.

ACETONE.—Drum lots are quoted at £90 per ton.

BENZENE. — Thiophene-free is 9s. 0½d. per gall. in 50-gall. barrels and pure, 6s. 0½d. per gall.

N-BUTYI. ALCOHOL.—2-ton lots are quoted at £145 per ton and one-drum lots at £149 per ton. Secondary is £121 and £125. All in one delivery.

CARBON TETRACHLORIDE, B.P. — 1-2 carboy lots are £124 per ton. Technical, in 40-gall, drums, in less than 1-ton lots, is £81 per ton; 1 ton and under 2 tons, £79 10s.; 2 tons and under 4 tons, £79; 4 tons and upwards, £78.

DIMETHYL ACETATE. - Drum lots are quoted at 163s, per cwt.

ISOPROPYL ALCOHOL.—Standard grade is £80 10s, per ton (5s. 7\frac{1}{4}d, per gall.) in 10-ton lots. Essence grade is from 16s. 3d. to 19s. per gall., as to quantity.

METHYL ETHYL KETONE. — One-ton lots are quoted at £135 per ton.

METHYL ISOBUTYL CARBINOL.—Minimum price (10-ton lots in one delivery) is £135 per ton.

METHYL ISOBUTYL KETONE.—One-ton lots are £161 per ton with usual differentials for smaller quantities.

Naphthalene. - Home market prices (per ton for 4-ton lots at one time) are (per ton for 4-ton lots at one time) are as follows:—CRUDE WHIZZED, C.p. 74-77:5° C., £24 10s, to £30, according to the crystallising point; HOT-PRESSED, minimum c.p. 77.6° C., £41—both ex makers' works; CRYSTALS, £62, delivered; BALL and FLAKE, £70 10s., delivered. The approximate export prices (f.o.b.) for 25-ton lots are from £44 to £46 for the crude whizzed; £50 for hot-pressed, while crystals are £66 10s. and ball and flake both £75 per ton.

PHTHALATES.—Prices (per lb.) for drum lots are as follows:—DIAMYL, 3s.; DIBUTYL, 2s. 1½d.; DI-ISOBUTYL, 1s. 11d.; DIETHYL (normal grade), 1s. 11¾d.; DI-METHYL, 1s. 8¾d.

STEARATES. - Prices for minimum 1-ton STEARATES. — Prices for infinitum 1-ton lots are now as follows: —Allumitum (all grades), 250s. 6d. per cwt.; Calcium (precipitated), 228s. 10d.; Lead (30 per cent.), 232s. 6d.; Magnesium (standard) 262s, and (superfine), 292s.; Zinc, B.P., 283.

TITANIUM DIOXIDE. — Anatase is £142 per ton and rutile from £156 to £162 as to grade.

Crude Drugs

ACONITE. — Spot supplies of Spanish napellus are 4s. per lb., duty paid.

AGAR. — Kobé No. 1 is 12s. per lb., in bond. New-crop offers are easier at 10s. 9d., c.i.f., for January-February shipment.

ALOES.—Prime Cape is quoted at 330s, per cwt. on the spot. No shipment offers.

ANTIMONY. — English 99.6 per cent, is £222 10s.; 99 per cent, £210 per ton.

ARECA NUTS. — Quotations are from 40s, to 55s. per cwt. as to quality on the spot. Shipment, 45s., c.i.f.

ASAFŒTIDA.—Persian block is from £10 to £14 per cwt., duty paid, as to quality.

Balsams.—Quotations (per lb.) are:-Canada: spot offers are 20s. Copaiba, soluble, 8s., duty paid. Peru, 10s., duty paid and for shipment at 8s. 9d., c.i.f. Tolu (genuine as imported) is 25s. 6d.; B.P. is 17s. 6d., spot.

BELLADONNA. — Root is offered at from 2s. to 2s. 3d. per lb. as to test, and LEAVES testing 0.714 per cent, are quoted at 3s. 9d., duty paid.

BENZOIN.—Sumatra block on the spot is from £25 to £32 per cwt. No. 1 for shipment is £24 5s., c.i.f. Almonds, 15s. per lb., c.i.f.

BISMUTH METAL. -- Minimum rate is 16s, 6d, per lb.

CAMPHOR.—B.P. POWDER is 6s. 6d. per lb., duty paid and 5s. 3d., c.i.f. TABLETS, 1-oz. are 7s. 6d., duty paid, and 6s. 6d., c.i.f.

Capsicums.—East African on stalk are 150s. per cwt. spot. Abyssinian, off stalk, 180s., spot, duty paid.

CARDAMOMS. — Aleppy CARDAMOMS. — Aleppy greens are 17s. 6d. per lb. on the spot; prompt shipment, 12s. 9d., c.i.f. Seeds on the spot

Cascara sagrada. — American peel is 260s. per cwt., duty paid, crop for shipment is 230s., c.i.f. American 1954 uty paid, New-

CASSIA BARK. — Whole on the spot is about 90s, per cwt., in bond, and for forward delivery, 80s., c.i.f. Broken, 75s., in bond, and 67s. 6d., c.i.f.

CHAMOMILE. — Belgian flowers 5s. 3d. per lb. on the spot.

CHERRY BARK. — Thin natural is from 1s. $6\frac{1}{2}$ d. per 1b., duty paid, and rossed, 2s., on the spot.

— Mombasa CHILLIES. spot supplies offered at 375s. per cwt. Shipment, 340s., c.i.f.

-Ceylon for shipment (c.i.f.) CINNAMON. per lb., OOOO, 5s. 10\frac{1}{2}d.; OOO, 5s. 9d.; OO, 5s. 7\frac{1}{2}d.; O, 5s. 6d.; firsts, 4s. 6d.; quillings, 2s. 8d.; chips, 8\frac{1}{2}d. to 9\frac{1}{2}d.

CLOVES.—Zanzibar on the spot are now quoted at 3s. 2½d. per lb.; prompt shipment, 3s. 0¾d., c.i.f.

Cochineal. — Black-brilliant is 33s. per lb. on the spot and silver-grey, 17s. 6d.

Cocillana,—Bark is 2s. 6d. per lb. on the spot.

DUBOISIA.—Old-crop leaves of Duboisia myoporoides are offered at 4s. per lb., c.i.f.

ERGOT.—Portuguese on the spot is 11s, per lb.; forward, 10s., c.i.f.; Polish, 7s., spot and 6s., c.i.f.; American, 10s., spot.

Galangal.—Root is quoted at 55s. to 60s. per cwt., c.i.f., for f.a.q.

GINGER. — African is offered on the spot at 252s. 6d. per cwt. with sellers for shipment at 240s., c.i.f for old crop. Spot Jamaican No. 3 is 450s. nominal; No. 2, 500s.

GUM ACACIA. — Kordofan cleaned sorts on the spot are 140s, per cwt, and December shipment, 125s., c.i.f. Newcrop, January–March 1956 shipment, 125s.,

Honey. — Australian light-amber is offered on the spot at from 130s, to 140s, per cwt.; medium-amber is difficult to find at 130s.; Argentine, 140s.; Jamaican, 145s. ex store. 145s. ex store.

IPECACUANHA. -- Nicaraguan is offered for shipment at about 63s, per lb., c.i.f., January-February 1956 delivery; Colombian at 49s. 6d., c.i.f. Spot Colombian is 54s,; Nicaraguan, 65s.; Matto Grosso, 575, 64. 54s.; N 57s. 6d.

JALAP ROOT. — Vera Cruz, powdered, is offered at 4s. 6d. per lb.; no offers of whole root. Brazilian, 12-6 per cent., is quoted at 2s.

KARAYA. — No. 1 gum on the spot is quoted at 325s. per cwt., and No. 2 at 275s.

LIQUORICE. — Quotations (per cwt.) for natural root are: Anatolian, 65s.; Russian, 47s. 6d. to 55s.; Persian, 35s. Block juice is from 220s, per cwt., on the spot. Italian stick from 310s. to 475s. per cwt.,

LOBELIA HERB. — Scarce on the spot and at origin.

triple-sifted on the spot are quoted at 7s. 3d. per lb. in bond and 8s. duty paid. Forward prices are 5s. 6d. to 7s. 6d., c.i.f., as to position. LYCOPODIUM. -- Supplies of Russian

MALE FERN. — A parcel of Bulgarian is offered on the spot at 40s. per cwt., duty paid.

MERCURY. — Nominal spot value is £89 10s, to £90 per flask of 76-lb, ex

NUTMEGS. — West Indian for shipment official prices 3s. 3d. per lb. for wormy and broken; 4s. 7d. for unassorted, f.o.b. terms. Nominal spot values 3s. 6d., and 4s. 6d. per lb. respectively.

PAPAIN. — Spot value for East African grade one is from 17s, to 17s, 6d, per lb. Ceylon brown is 14s, per lb., c.i.f. and spot.

PEPPER. - Firm. White Sarawak on spot is 2s, 11d, per lb, and for December shipment, 2s, $9\frac{1}{4}$ d, c.i.f., quoted. Black Sarawak is 2s, $1\frac{3}{4}$ d, per lb., spot and December shipment, 2s., c.i.f. Black Malabar is 330s., per cwt., spot and December ship-ment 270s., c.i.f.

SAFFRON. — Nominal spot va Mancha superior is 250s, per lb. value of

SARSAPARILLA.—Jamaican native red on the spot is 3s. 6d. per lb. and for shipment, 3s. 1½d., c.i.f.

ment, 3s. 1¼d., c.i.f.

SEEDS. — (Per cwt.) ANISE.—Tunisian, 250s., duty paid. CARAWAY. — Dutch now offered at 150s., duty paid. CELERY. — Indian unchanged at 130s., spot London. CORIANDER. — Spot. Moroccan nominally 95s., duty paid. Danubian or Rumanian, 67s. 6d., duty paid. Moroccan for shipment quoted at 74s., c.i.f. CUMIN. — Small business passing. Spot, Cyprian, 132s. 6d.; Moroccan, 135s., duty paid; Iranian, 125s., duty paid. Shipment. Cyprian, 116s. quoted, c.i.f. DILL. — Indian unchanged at 62s. 6d., spot. FENNEL. — Small business reported in Indian at 85s. spot London. Chinese quoted at 84s., in bond. FENUGREEK. — Continues firm, Indian on spot is 75s.; no Moroccan available. MUSTARD. — English 52s. 6d. to 75s., according to quality. 52s. 6d. to 75s., according to quality.

SENEGA. — Spot is 21s. per lb. Shipment, 20s. 6d., c.i.f.

SENNA, - Tinnevelly LEAVES (per 1b.). SENNA. — Timevelly Leaves (per Ib.). New wet-crop Prime No. 1, 1s. 1½d., and No. 2, 11d.; prime No. 3, 8d.; f.a.q., No. 3, 7d., spot; PoDS, f.a.q., 6d., c.i.f. Alexandrian manufacturing pods, 1s. to 1s. 3d., spot; hand-picked are from 4s. 6d. to 6s. 6d. per Ib. as to quality.

SERPENTARIA. — Offers for shipment are quoted at 40s. per lb., landed terms.

SHELLAC. — F.O.T.N. is 370s. per cwt.; F.O. No. 1, 390s.; fine orange, 410s. to 470s.

TRAGACANTH.—No. 1 ribbon is £175 to £180 per cwt.; No. 2, £135 to £140.

Vanillin. — Rates (per lb.) are:—5-cwt. lots, 30s.; 1-cwt., 30s, 3d.; 56-lb., 30s. 6d.; smaller quantities, 30s. 9d.

WAXES. - BEES'.-Dar-es-Salaam, ship-Waxes. — Bees'.—Dar-es-Salaam, shipment, 600s., c.i.f., spot, 600s.; Sudanese, 595s., duty paid and 535s., c.i.f.; Abyssinian, spot, 595s., duty paid; shipment, 535s., c.i.f. Candelilla. — Landed terms are 415s. per cwt. Carnauba. — Fatty grey, spot, 460s. per cwt.; for shipment, 455s., c.i.f.; prime yellow, spot, 900s.; shipment, December-January, 820s., c.i.f. Witch hazel leaves. — Offers are 1s. 11d. to 2s. per lb. on the spot,

Essential and Expressed Oils ·

December 24, 1955

ALMOND. — B.P. is nominal at 11s. per

AMBER. — Rectified on the spot quoted at from 1s. 6d. per lb.

Angelica seed. — Price per lb. is now quoted at 225s.

CARDAMOM.—Price per lb. is from 360s. for English distilled and from 265s, to 295s, for imported.

CHENOPODIUM. — Spot supplies are about 34s. per lb. Shipment value, 27s.,

CITRONELLA. — Ceylon is quoted at 6s. 6d. per lb. on the spot and 6s. 3d., c.i.f.; Formosan spot is 15s., in bond, with forward at 14s. 3d., c.i.f. Java type is not quoted.

DILL. — B.P. English-distilled oil is quoted at 60s, per lb. Imported oils are scarce at 36s, per lb.

EUCALYPTUS.—Australian 70 to 75 per cent. eucalyptol on the spot is 5s, 8d, per lb.; 80 to 85 per cent., 6s, 4d, Spanish 70 to 75 per cent., firm at 5s, 6d, duty paid. Chinese type, 5s., duty paid.

HYDNOCARPUS.—Spot is about 2s. 2d. per 1b.

LAVANDIN.—Spot is from 12s. to 15s. per lb. as to quality, for original drums.

LAVENDER. — Quiet. 38-40 per cent. linalol on the spot ranges from 30s, to 50s, per lb., in 5-cwt. lots, with best grades of 40-42 upwards of 72s.

LAVENDER SPIKE.—Spanish is offered at 13s. 6d. per lb. on the spot and 14s. for shipment.

LIME. — Supplies of West Indian distilled are offered from 30s. to 35s. per lb., on the spot.

NUTMEG. English-distilled oil is 50s. per 1b. and imported available at 32s. 6d. on the spot.

Orange. — Spot quotations include: Florida at 4s, 6d, per lb.; Californian, 5s, 9d.; Jamaican, 7s, 6d, and West African, 12s, 6d. For shipment, proprietary brand Californian sweet is 6s, c.i.f., and cold-pressed, U.S.P., 9s, 3d., c.i.f., subject to licence. West African, 12s., c.i.f. Terpeneless is 210s, per lb., spot.

ORIGANUM. — Sellers of 75 per cent. phenols at 13s. 6d. per lb.

OTTO OF ROSE, — Anatolian is 177s, 6d.

23s, 6d. per lb., duty paid.

PETITGRAIN. — Paraguay for shipment 23s. 6d. per lb., c.i.f., and 25s. to 26s. 6d. on the spot, as to maker.

PINE.—Pumilionis on the spot is from 16s. per lb.; sylvestris, 9s. Siberian (abietis), 12s. 6d.

TANGERINE. — Sicilian is from 39s, to 40s, per lb. on the spot; Californian is 17s. 6d.

THYME.—Spot is 12s, 6d. per lb. for the red, 40 per cent, phenols.

VETIVERT.—Bourbon in original drums on the spot is 82s. 6d. per lb.

UNITED STATES REPORT

New York, December 20: Brazilian MENTHOL showed a further decline of ten cents to \$7.50 per lb. but Japanese menthol jumped sharply to \$10.50 (up \$2). Among Crude Drugs, Lobelia Herb rose to \$1.40 (up 20 cents per lb.). Tolu Balsam, at \$3.65 was down 15 cents per lb. Vanilla Beans were easier, with Mexican cuts at \$8.25 per lb. (25 cents); whole Mexican \$8.75 (50 cents), and Bourbon, \$6.25 (25 cents). Lower per lb. among ESSENTIAL Oils were Chenopodium at \$3.35 and Patchouli oil at \$7.60 (both down five cents).

TRADE MARKS APPLICATIONS ADVERTISED

BEFORE REGISTRATION From the "Trade Marks Journal," December 7

For all goods (3)

MONTIN, B741,574, by Montin, Ltd., Toronto, MONTIN, B/41,5/4, by Montin, Ltd., Toronto, Ontario, Canada. Device with the wording BEAUTINA, 745,247, by Haering, Goldach, Switzerland, FRISCODOR, 746,495, by Eau de Cologne & Parfumcrie-Fabrik, Glockengasse No. 4711 Gegenuber der Pferdepost von Ferd, Mulhens, Cologne, Germany.

For detergents (not for use in industrial or manufacturing processes); preparations for laundry use; and soaps (3)

DREXO, 746,465, by J. Bibby & Sons, Ltd., Liverpool.

For pharmaceutical preparations for use in the treatment of chilblains (5)

PERNOMOL, 743,989, by Laboratories for Applied Chemistry, Ltd., London, N.16.

For all goods (5)

Device with the wording GAYELORD HAU-SER, 743,944, by Gayelord Hauser, New York, U.S.A. PIRISOL, 745,372, by Cupal, Ltd., Blackburn, Lancs, DEQUASPON, 746,208, by Allen & Hanburys, Ltd., London, E.2. HEXOMBRINE, 746,259, by N.V. Dagra, Diemen, Holland. DIUZINE, 746,436, by Willows Francis, Ltd., London, E.8.

For pharmaceutical preparations and substances

TREDORM, 743,596, by Wallace Manufactur-ing Chemists, Ltd., London, N.W.3. VI-GLOBEOL, 743,990, by Société Anonyme pour l'Expansion des Marques de Fabrique et de Commerce, Courbevoie, France. BILOSTAT, 746,180, by Union International Co., Ltd., London, E.C.1.

For medicinal preparations for the treatment of hypochromic anæmia and secondary anæmia (5) FABCO, 745,513, Medical Research Pty., Ltd., Sydney, New South Wales, Australia.

For laxatives (5)

CELAXA, 745,702, by Boots Pure Drug Co., Ltd., Nottingham.

For deodorants (5)

AIRZONE, 746,131, by A. Ibbetson & Co., Ltd., Barking, Essex.

For anæsthetics (5)
PRIMACAINE, 746,084, by Novocol Chemical
Mfg. Co., Inc., Brooklyn, New York, U.S.A.

For seed disinfectants (5)
CERELINE, 746,325, by Farbenfabriken Bayer,
A.G., Leverkusen (22c), Germany.

For preparations for killing weeds (5)

ATLABOR, 746,448, ATLACUM, 746,449, by Chipman Chemical Co., Ltd., London, S.W.1. For electric hair-drying machines (7)

DRYAD, 746,313, by Bylock Electric, Ltd., Enfield, Middlesex.

For razor blades (8)

Device with the wording PUTLI, 743,604, by Diu, Narodni Podnik, Jevicko, Czechoslovakia.

For appliances for removing excess liquid from photographic film and material (9)

SQUEE-DRY, 745,530, by Adhesive Dry Mounting Co., Ltd., London, E.C.1. For cinematographic, optical, and photographic

apparatus (9) BOPE, 746,198, by British Optical & Precision Engineers, Ltd., London, W.I.

For photographic, scientific and optical apparatus and instruments (9)

CONSAR, 745,286, by Ralph Norris, Ltd., London, W.C.1.

For all goods (10)

DUREX GOSSAMERS, 744,547, by London Rubber Co., Ltd., London, E.C.2.

For hot-water bottles (21)
HUMPTY, 742,415, by Durable Rubber Manufacturing Co., Ltd., Brentford, Middlesex. For brushes (21)

WASH-BOY, 742,938, by Walter Wessel, Rem-scheid-Ehringhausen, Germany.

For lipstick containers not being of precious

FUTURAMA, 744,717, by Revlon Products Corporation, New York, U.S.A.

From the "Trade Marks Journal," December 14 For food preservatives (1)

ACRONIZE, 741,826, by American Cyanamid Co., New York, U.S.A.

For chemical preparations for application by spraying and being for use in agriculture, horti-culture and forestry (1) and for pharmaceutical preparations, fungicides and insecticides for use in spraying (5)

STREPOSPRAY, 742,097 and 746,177, by Glaxo Laboratories, Ltd., Greenford, Middle-

ZANZIBAR CLOVES

THE market review of the Zanzibar Clove Growers Association for the quarter ended September 30 states that the Association's revised estimate for the full seasonal year is 650,000 frasilas. During the quarter under re-view 6,018,281 lb. (171,951 frasilas) passed through the central market and the association's depôts in Zanzibar and Pemba. The greater part of these supplies (5,453,429 lb.) was the produce of Pemba.

Clove arrivals for the quarter are compared with the corresponding period for the previous season below:-

	1955	1954
_	lb.	lb.
July	748,986	1,267,668
August	1,375,725	880,095
September.	3,893,570	1,058,977
	6,018,281	3,206,740

The average price for cloves during the quarter was Shs. 202.03 per 100 lb., ex duty. Indonesia took 74.04 per cent. of the cloves shipped and India, 16.44 per cent. The United Kingdom was seventh on the list with 0.6 per cent. The export duty on cloves was unchanged at Shs. 66 per 100 lb. during the quarter under review, but from October 1 a duty of Shs. 64 per 100 lb. will be payable. Clove stem oil totalling 48,320 lb. was shipped during the quarter, the United Kingdom taking 26,880 lb. and the United States. 21,440 lb.

WORLD TRADE

Philippine Mercury Contract.—Palawan Quicksilver Mines, Inc., of Manila, is to sell its entire exportable produc-tion to the Namura Mining Co. of Japan under a recently negotiated contract. The agreement does not exclude sales to Philippine consumers.

West Germany and Export Cartels. The West German Bundestag (Lower House) Committee for Economic Policy has decided to permit export cartels as an exception under the regulations of the West German Cartel bill which generally forbids cartels. The regulations for import and international cartels will be discussed in January.

U.S. Totaquine for Sale. - The General Services Administration (G.S.A.) has announced that it will sell to the highest bidder—either domestic or foreign—8,200,000 oz. of totaquine from the United States stockpile of strategic and critical materials. Acquired by G.S.A. from Dutch East Indies and South American sources, the drug is available in tablet and

powder forms and will be offered in five lots of varying amounts. The material averages about 10 per cent. quinine content.

West German Pharmaceutical Exports.—West Germany exported nearly DM 201 millions' worth of pharmaceutical products in the first three quarters of 1955, or 4 per cent. more than in the corresponding period of 1954. Prepared medicines accounted for the largest proportion of all pharmaceutical exports amounting to DM 101.5 millions in the period under review. Exports of unprepared medicines dropped to DM 7 millions to DM 65 millions. Exports of alkaloids rose by DM 2 millions to DM 24·7 millions

AUSTRIAN MARKET

Scope for chemical plant

THE Austrian chemical industry provides a market in which, for the sake of its reputation, the British chemical plant industry should have an important share. That is one of the findings of a mission which visited Austria recently on behalf of the Federation of British Industries to inquire how British industry could help in the re-equipment of that country's factories now that it has become an independent state.

It was found that too little was known of the British chemical plant industry and considerable interest was expressed on learning of its achievements and capabilities. It is urged, therefore, that U.K. equipment manufacturers ensure that their prospective customers in Austria are made fully

aware of their products.

The chemical industry is Austria's third largest industry with a production over double that of 1937 and valued for 1954 at £70 millions. (The chemical industry in Austria, however, covers a very much wider field than in the U.K. by including, for ex-ample, plastics, manufactured plastic goods, paints and varnishes, inks, etc.). Nevertheless the mission believes some two hundred firms are of such size or progressiveness that they can be regarded by U.K. equipment manufacturers as potential customers.

Austria has depended on Germany for her technical developments and there is a sad shortage of trained technical men. Definite interest was shown by firms now released from Russian control in linking up with appropriate British chemical manufacturers.

Many chemical plants were overworked during the war years and have had little done to them during the Russian occupation. Equipment is required not only to meet desired expansion but in many cases for replacement and modernisation. Pharmaceuticals are mentioned as one of the fields in which there will probably be the greatest opportunities.

Considerable progress has been made by the Austrian pharmaceutical industry, the report adds. Pre-war some 80 per cent. of the country's pharmaceutical needs were imported; now the figure is only 20 per cent. Penicillin requirements are fully met by local production, and manufacture of streptomycin is planned.

PRINT AND PUBLICITY

Medical Propaganda

Manufacturers' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists.

ALLEN & HANBURYS, LTD., Bethnal Green, London, E.2: "Piriton Expectorant Linctus,"
"Injection of Piriton," "Tablets of Piriton
Maleate" (cards and folders).

THE BRITISH DRUG HOUSES, LTD., Graham Street, City Road, London, N.1: "Pernivit for Chil-blains," "Dehydrocholin B.D.H." (4-p. fol-ders), "Tercin for Mild Paín" (blotter)

Leaflets

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, Essex: Anthisan and Phenergan dosage card; "Three Creams in Topical Therapy " (4-p. folder).

RONA LABORATORIES, 12 Molyneux Street, London, W.1: "Nydrane Anticonvulsant" (8-p

ROUSSEL LABORATORIES, LTD., 847 Harrow Road, London, N.W.10: "Hydrocortisyl Skin Ointment" (8-p. booklet); "Cortisyl and Hydro-cortisyl in Ophthalmology" (6-p. folder).



COUNTER DISPLAY: The display piece for Racalon cream, a C.F. product, colourfully sets off the container and occupies small space on the counter.

SMITH & NEPHEW, LTD., Welwyn Garden City, Herts: "Thermona Analgesic Cream" (8-p. folder),

Periodicals

AUTOPACK, LTD., 22 Carolíne Street, Birimíng-ham, 3: Autopacking, No. 4, October 1955. Pp. 8.

BRITISH PRODUCTIVITY COUNCIL, 21 Tothill Street, London, S.W.1: B.P.C. Bulletiu, October 1955, Pp. 4. Supplement: Productivity and the

BRITISH INDUSTRIES FAIR, LTD., Ingersoll House, 9 Kingsway, London, W.C.2: B.I.F. Bulletin, Vol. 1, No. 1.

CHILEAN IODINE EDUCATIONAL BUREAU, Stone House, Bishopsgate, London, E.C.2: Current Iodine Literature, Vol. 2, No. 12. Pp. 18.

DRAGOCO G.m.b.H., Holzminden, Germany: Dragoco Berichte, Dragoco Report (inset), No. 10, 1955. Pp. 20 and 8.

GEORGE T. GURR, LTD., 136 New King's Road, London, S.W.6: Gurr's Commentary on Current Laboratory Methods, No. 16, Pp. 4.

INSTITUTE OF PUBLIC SUPPLIES OFFICERS, Sackville Street, London, W.1: Supplies, Vol. 6, No. 10, October 1955, Pp. 32,

Mond Nickel Co., Ltd., Thames House, Millbank, London, S.W.1: The Nickel Bulletin, Vol. 28, No. 10, Pp. 16.

PULLIN OPTICAL Co., LTD., Pullin House, South Ealing Road, London, W.5: Pullin News Letter, November, Pp. 4.

Commercial Television

The following products are being advertised on commercial television (London station) on the days stated:—

SUNDAY, December 25: Palmolive soap; Max Factor beauty preparations; Loxene medicated shampoo; Zubes cough lozenges; Lucozade (between 8.30 and 9 p.m.).

MONDAY, December 26: Carter's little liver pills (between 8 and 10 p.m.).

TUESDAY, December 27; Philishave dry shaver (between 8 and 10 p.m.); Brylcreem (at 10.5 p.m.); Amami (between 7 and 8 p.m.); Beecham's powders.

THURSDAY, December 29: Optrex (between 10

and 11 p.m.); Lux toilet soap; Vaseline hair tonic (between 10 and 11 p.m.).

FRIDAY, December 30: Beecham's pills (between 10 and 11 p.m.); BiSoDol.

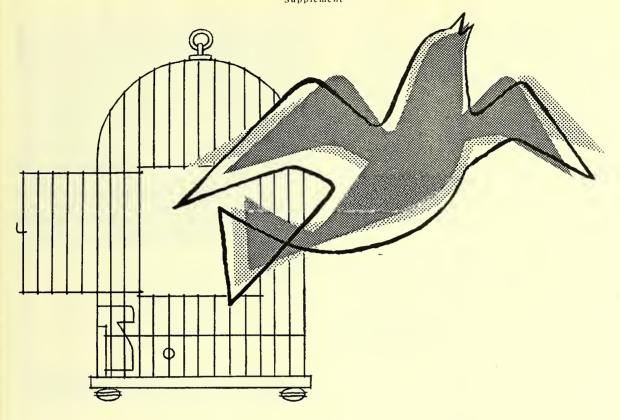
SATURDAY, December 31: Silvikrin shampoo (at 3,30 p.m. and one "time spot"); Knight's Castile soap (between 7,30 and 8 p.m.); Alka-Seltzer (between 10 and 10,30 p.m.); Max Factor beauty preparations; Lloyd's adrena-line cream (between 2 and 6 p.m.),



POCKET PACK "DISPENSER": Cellucotton Products, Ltd., have introduced for their Kleenex pocket pack the self-service "dispenser" illustrated. The wire-rack stand is designed for use on counters, and holds twenty-four Kleenex pocket packs. It enables the retailer to stack twice the number of packs in half the amount of space. The dispenser is available free with orders for two gross of the pack.

Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; *=Tax 30 per cent.

BOOTS PURE DRUG CO., LTD. (from Decem-	ROCHE PRODUCTS, LTD. (from December 19)	Nucleomina tonic syrup* 16 0 2 6 A
ber 19) Each 1.R.P.	Pethídine tablets, Roche Each	Bismuth and magnesia tropels* 10 8 1 7 A
Cortistab tablets 40 35 0 46 8 R	25 mgm, 25 1 4 2 0 R	tropels* 10 8 1 7 A
100 86 0 114 8 R	100 3 4 5 0 R	P.A.T.A. PROTECTED LIST
500 420 0 560 0 R	500 15 2 22 9 R	
injection 11 3 15 0 R	50 mgm, 25 2 6 3 9 R	(Alterations notified this week by the Proprietary
eye drops 3 0 4 0 R	100 6 6 9 9 R	Articles Trade Association.)
eye ointment 2 6 3 4 R Hydrocortistab tablets 100 112 6 150 0 R	Pethídine powder, 1 gm , $1 9$ 43 3 R 28 10 43 3 R 2 $7\frac{1}{2}$ R	OSBORNE, BAUER & CHEESEMAN, LTD.
Hydrocortistab tablets 100 112 6 150 0 R local injection 10 6 14 0 R		(Agents: SANGERS, LTD.) (post-Budget prices)
intravenous injection 11 9 15 8 R	TORBET LACTIC OAT CO., LTD. (post-Budget	Glymiel shaving cream No. 1 wood bowl* 18 0 2 7 A
	prices) Torbet lactic oats* 1 10 A	wood bowl* 29 0 4 0 A
BURROUGHS WELLCOME & CO. (from	3 8 A	sycamore bowl* 39 0 5 6 A
December 19)	testing paper* 3 8 A	SANGERS, LTD.
Tabloid pethidine hydro- chloride 25 mgm, 100 5 0 R	lactic veterinary oats* 1 10 A	Holdroyd's pills* 11 7 1 7 A
500 22 9 R	3 8 A	31 2 4 3 A
50 mgm. 100 9 9 R	Calsaloids*, pink 6 1 A	Anturic bath salts* 9 9 1 4 A
500 43 3 R	Calsaloid granules*, pink, sugar-coated 6 1 A	Kephaldol tablets* 11 0 1 6 A
Wellcome pethidine hydro-	Calsalettes*, sugar-coated 6 1 A	27 6 3 9 A
chloride, B.P. 1 gm. 1 9 R	Calsalette granules* 6 1 A	ALLEN & HANBURYS, LTD, (to trade from
DUNCAN, FLOCKHARI & CO., LTD, (from	Calsalve ointment* 1 4 A	Occember 19) Allenburys baby soap* 7 4 1 0 A
December 19)	3 2 A	Allenburys superfatted soap* 7 4 1 0 A
Pethidine tablets, Duncan	THOMPSON TOWERS CO., LTD. (post-Budget	ADDITION TO PROTECTED LIST
25 mgm, 100 5 0 R	prices)	THE BRITISH DRUG HOUSES, LTD,
500 22 9 R	Brownigen bronchial mixture* 1 9 A 3 1 A	Pernicream* 20 0 3 0
50 mgm 100 9 9 R 500 43 3 R	4 7 A	
Pethidine hydrochloride	8 3 A	NEW PRODUCTS AND PACKS
1 gm, 1 9 R	No. 2 children's* 1 9 A	
	Harrison's nursery pomade* 10 A	Esdra nailbrush* 1 3
T. PLATT OINTMENT CO. (post-Budget prices)	1 7 A	ETHICON SUTURE LABORATORIES, LTD,
Doz,	WYLEYS, LTD. (post-Budget prices)	Ethicon surgical steel gauze 12 x 6 in. 42 0
Platt's ointment* 14 5 2 0 A	Doz.	B
Platt's special foot paste* 11 Doz. 6 0 8 A	Dr. Greenfield's whooping cough mixture* 12 9 1 9 A	UNICHEM, LTD. Embran* 3 x 2-c,c, amps. 27 0 3 10
Doz.	20 0 2 9 A	
7 6 1 11 A	Neuracetin tablets* 50 25 6 3 6 A	Euflat tablets* 30 31 6 4 6
14 5 2 0 A	Sal Alterata* 33 0 4 6 A	Otalgan* 12 gm. 34 0 4 101



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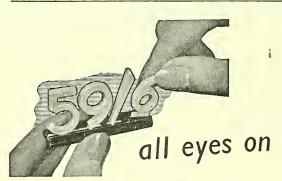
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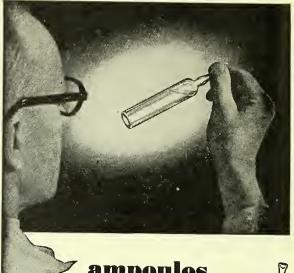
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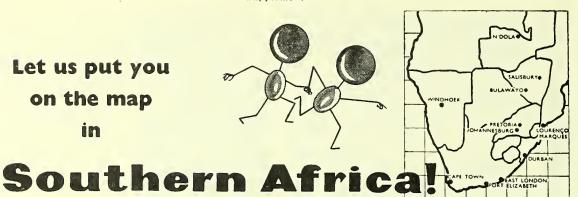
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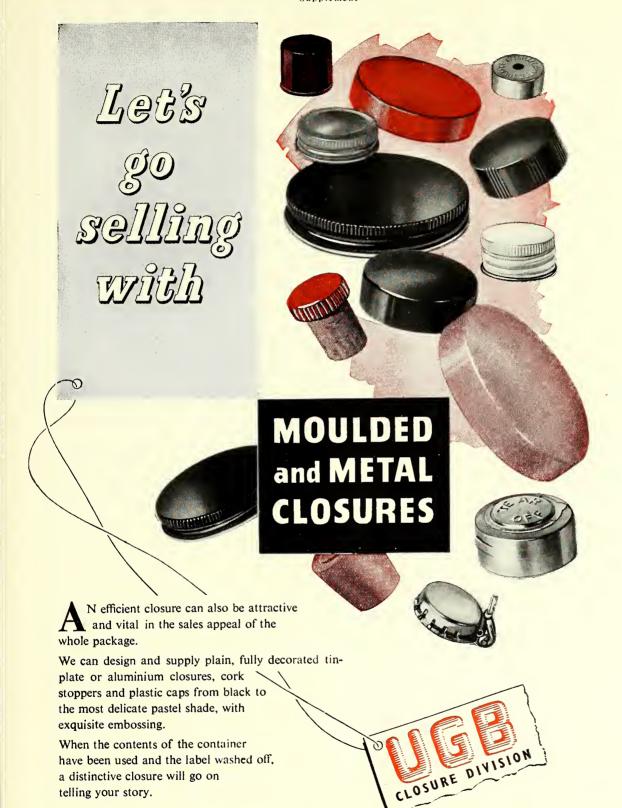


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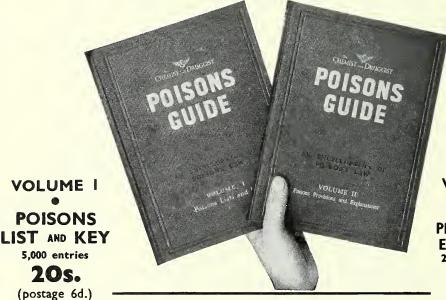
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An Addendum to the C. & D. Poisons Guide, Volume 2, devoted to the Dangerous Drugs Regulations, 1953, will be supplied at no additional cost to all purchasers of this book. The Addendum will also be supplied to all previous purchasers of Volume 2 on receipt of a 21d. stamp to cover postage. Application for copies of the Addendum should be sent to The Publisher, 28 Essex Street, Strand, London, W.C.2.

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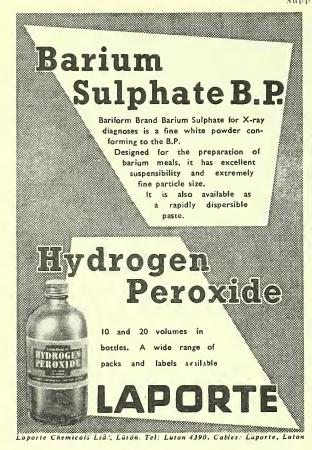
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Pharmacist

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C 9509

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required. Busy general hospital with pharmacy

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essential, Send fullest details of experience and personal history to Box C 9533.

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LANCASHIRE COUNTY COUNCIL
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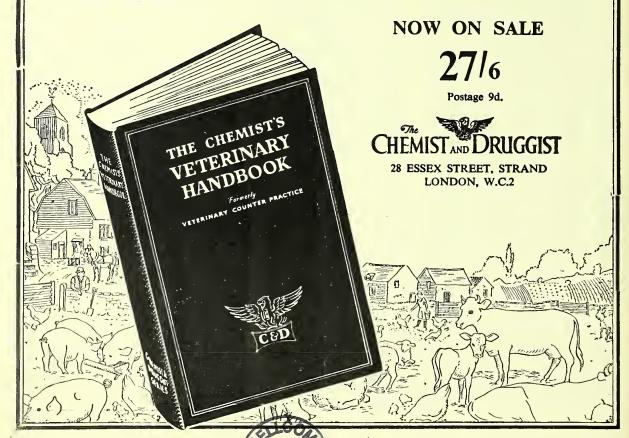


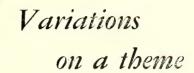
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